FILE NOTATIONS	in water
Enforced in N1D File	Checked by Chief 4118
Entered On S R Sheet	Copy NID to Field Office
Location Map Famed	Approval Letter Nat Muse ex-
Card Indexed	Disapproval Letter
COMPLETION DATA: Dete Well Complete: 1-3-43 % OW	Storage Well Recation Inspected Bond released State of Fee Land
1061	
Drifter's Information	
Electric Lags (Mac)	GR GR-N Micro
Son Son	e Others

5W

Copy H. L.C.

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

Budget Bureau No. 42-R358.4. Form Approved.

Land Office Salt Lake City

Lease No. 070555

Unit Lease - Chalk Creek Gas Storage Project

SUNDRY NOTICES AND REPORTS ON WELLS

1		
NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		
(INDICATE ABOVE BY CHECK MARK NAT	URE OF REPORT, NOTICE, OR OTHER DATA)	
halk Creek Government Well No. 6	September 6	, 19 6
Vell No is located 1100 ft. from [$\begin{bmatrix} N \\ M \end{bmatrix}$ line and $\begin{bmatrix} 81 \\ \mathbf{W} \end{bmatrix}$ line of $\begin{bmatrix} 81 \\ \mathbf{W} \end{bmatrix}$	sec. <u>6</u>
W MW (lot 4) sec. 6 2M	6E 8. L. M.	
(4 Sec. and Sec. No.) (Twp.) (Ran halk Crock Gas Storage Supplies	****	
(Field) (County or Sul	edivision) (State or Territory)	
ing points, and all other	important proposed work)	
ing points, and all other e would like permission to drill the segoo' into the Kelvin formation as a war gas storage sand in this storage fie bout 175' of 10-3/4" OD, 32.75#, R-40, tring of 7" OD, 20#, J-55, 8rnd the ST	important proposed work) Subject Well to an approximate diter withdrawal well in the "S" old. We will rum and cement to 8rnd the STAC casing. A produ	lepth of sand, surface action
ing points, and all other evold like permission to drill the second into the Kelvin formation as a verges storage sand in this storage fie bout 175' of 10-3/4" OD, 32.75%, R-40, tring of 7" OD, 20%, J-55, 3rnd the Steph. Countain Fuel Supply Company hereby received the extremely steep topograp	subject well to an approximate of the vithdrawal well in the "6" eld. We will rum and cement to 8 and the STAC casing. A produce casing will be comented to the subject of this unorthodox location was nearly in the area.	lepth of sand, surface action total
ing points, and all other would like permission to drill the second into the Kelvin formation as a var gas storage sand in this storage fit cout 175' of 10-3/4" OD, 32.75#, K-40, tring of 7" OD, 20#, J-55, Ornd the Siepth. Dumtain Fuel Supply Company hereby received all-location restrictions (a) because ecause of the extremely steep topograp	subject well to an approximate of the vithdrawal well in the "5" old. We will run and cement to 3rad tha 5rac easing. A product casing will be cemented to the communication was newly in the area. Commission (over)	lepth of sand, surface action cotal
e would like permission to drill the second into the Kelvin formation as a war gas storage sand in this storage fie bout 175' of 10-3/4" OD, 32.75%, R-40, tring of 7" OD, 20%, J-55, Srad that Stepth. Duntain Fuel Supply Company hereby received: Countain Fuel Supply Countain Fuel Supply Received: Countain Fuel Supply Countain Fuel Supply Received: Countain Fuel Supply Countain Fuel Supply Receiv	subject well to an approximate of the vithdrawal well in the "5" old. We will run and cement to 3rad tha 5rac easing. A product casing will be cemented to the communication was newly in the area. Commission (over)	lepth of sand, surface action total
e would like permission to drill the second into the Kelvin formation as a verges storage sand in this storage field bout 175' of 10-3/4" OD, 32.75%, R-40, tring of 7" OD, 20%, J-55, orad the Stepth. Doubt in Fuel Supply Company hereby receil-location restrictions (a) because ecause of the extremely steep topograph of the extremely steep topograph of the company steep topograph of the state of the Gas Conservation of the state of the Supply Company Mountain Fuel Supply Company	subject well to an approximate of the vithdrawal well in the "5" and the STAC casing. A product casing will be comented to the case will be cased to the cased to the case will be cased to the	sand, surface action sotal
ing points, and all other evold like permission to drill the spool into the Kelvin formation as a var gas storage sand in this storage fie bout 175' of 10-3/4" OD, 32.75#, K-40, tring of 7" OD, 20#, J-55, Srnd the Steph. Duntain Fuel Supply Company hereby received of the extremely steep topogray of the extremely steep topogray of the extremely steep topogray of understand that this plan of work must receive approval in write the permission of the extremely steep topogray o	subject well to an approximate of the vithdrawal well in the "5" and the STAC casing. A product casing will be comented to the case will be cased to the cased to the case will be cased to the	epth of sand, surface action total
ing points, and all other would like permission to drill the second into the Kelvin formation as a varies storage sand in this storage fieward 175' of 10-3/4" OD, 32.75#, K-40, tring of 7" OD, 20#, J-55, ornd the Storage of the Extremely Company hereby received of the extremely steep topographs: Utah State Oil & Gas Conservation I understand that this plan of work must receive approval in write the company Mountain Fuel Supply Company	subject well to an approximate of the vithdrawal well in the "5" and the STAC casing. A product casing will be comented to the case will be cased to the cased to the case will be cased to the	epth of sand, surface action cotal
ing points, and all other would like permission to drill the spool into the Kelvin formation as a var gas storage sand in this storage fie cout 175' of 10-3/4" OD, 32.75#, K-40, tring of 7" OD, 20#, J-55, Srnd the Steph. Duntain Fuel Supply Company hereby received of the extremely steep topogray of the extremely ste	By	lepth of sand, surface action total
e would like permission to drill the a 900' into the Kelvin formation as a war gas storage sand in this storage fie bout 175' of 10-3/4" OD, 32.75%, R-40, tring of 7" OD, 20%, J-55, 3rnd the Steph. Countain Fuel Supply Company hereby received a because ecause of the extremely steep topographs: C: Utah State Oil & Gas Conservation I understand that this plan of work must receive approval in write ompany Mountain Fuel Supply Company ddress P: O: Box 1129	subject well to an approximate of the vithdrawal well in the "5" and the STAC casing. A product casing will be comented to the case will be cased to the cased to the case will be cased to the	lepth of sand, surface action total

Mountain Fuel Supply Company requests an exception to Rule C-3 (b) because (1) this location was necessary due to extremely steep topography in the area and (2) Mountain Fuel Supply Company owns all oil and gas leases within a radius of 660' of the location, or has gas storage rights from Union Pacific Railroad Company lands in the area.

LOCATION NOTICE

Well	Construent (6		_Field	Chalk Creek
Location_	1100 f	t. from North L	ine	1100'
	f1	t. from East Li	ne 81	Gov t. #6
	f1	t. from South L	ine	6
:	f1	t. from West Li	ne	
Sec6	TT.	R &s. _	 	
County	Sumit	State U	<u>alı</u>	
Elevation_	Ground	Engr's. Level	J∵Stadia	Level Trigonometric Level
Location i	n section 💮	t mt		
Date	eptember 4	19	<u>62</u>	
Made by	Dat	te Mgust 8), 1	962	
Checked by	Dat	te		
Copies to:	Steve Majhanov	1ch (5)		
	W.W. Skeeters			
	D.E. Delles			
	Civil Engineer:	ing Dept. (File) Signed_	R. C. DAY



THE STATE OF UTAH OFFICE OF STATE ENGINEER

WAYNE D. CRIDDLE
STATE ENGINEER

SALT LAKE CITY September 14. 1962

Mr. B. Z. Kastler, Jr., Secretary Mountain Fuel Supply Company 180 East 1st South Salt Lake City, Utah

Dear Mr. Kastler:

Re: Ground Water - Summit County

This office has recently been advised of your intention to proceed with the construction of two water withdrawal wells in Sections 6 and 7, Township 2 North Range 6 East, S.L.B.&M. as part of your underground gas storage program.

Upon completion of the wells, we will appreciate receiving copies of the driller's logs and auxiliary logging data, for the reason that the wells are to be constructed for water withdrawal purposes and the water involved may become the subject matter of future appropriation. We have enjoyed working with you on this problem in the past, and feel that the availability of this information in our office will limit the opportunity for any conflicts with your planned operations.

Very truly yours,

Francis T. Mayo, Chief/ Water Resources Branch

water mesources arend

FTM: bm

Budget	Bureau	No.	42-R356.5	5.
Approv	al expir	es 12	2-31-60	

_		Sal	٤	Lake
D	OFFICE			

F THE INTERIOR UNIT

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LESSEE'S MONTHLY REPORT OF OPERATIONS

	State	T	Uta be fo	ih ollowin _l	g is	a corre	ect report of	t operal	Field	Chal roduction	k Creek (including	drilling and producing
	wells) fo	or the	e moni	th of	a	O Boy 989	,	19	bany MOU	NTAIN FU	FL SUPPLY COMPANY
						SALT I	AKE CITY, UT					
	Phon	e					328-8315		Agen	it viitle I	DIVISIONAL	CHIEF ACCOUNTANT
	SEC.	AND	TWP.		W.EIT	DAYS PRODUCED	BARRELS OF OIL	i	CI FT OF GAS	L ALCONIC OF	BARRELS OF Water If	(If drilling, depth, if shut down
							Governmen	t Wel	o			
E	SE	ક	2	6	5							Spudded 9/14/62 Completed 9/25/62 Depth 1032' Storage Well
u	MM	6	2	5	6							Location
				Access to the second se			U.P. Wel					
W	SW	7	2	6	7-1							Spudded 9/28/62 Completed 10/31/6 Depth 2498' Storage Well
									1		1	1
					· market of the state of the st							
		1								•	:	
										٠		

Budget Bureau No. 42-R356.5. Approval expires 12-31-50

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

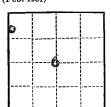
THE PARTY OF THE P

LAND OFF	ICB Selt Lake
	MBER
UNIT	Chalk Greek
	Gos Storage

LESSEE'S MONTHLY REPORT OF OPERATIONS

State	U	teh		Cos	enty See	it	Fiel	d Ch	alk Gree	lo .	
wells)	for th	pe mo	nth of	a corr	vect report o	t opera	itions and	production	(including	drilling	
Ŭ			~~~~~	г	. O. BOX 989		Con	nbany MOI	INTAIN FI	IEI CLIDE	IV COMBA
					O.1., O.1	4211	C	1	A . / Y . \	//	
	T	T	T	· · · · · · · · · · · · · · · · · · ·	328-8315	· · · · · · · · · · · · · · · · · · ·	Age	nt's title I	DIVISIONA	L CHIEF	ACCOUNTAI
SEC. AND	TWP.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	(If drilling,	EMARKS depth; if shut down result of test for content of gas)
E 6	2	6	5		GOVERN	ent W	1113				
							İ			Spudde Comple Depth Storage	d 9/14/62 ted 9/25/6 1032' # Well
W 6	2	6	6							Spudded	1 11/2/62 1 1962 C o
7	2	6	7-1	,	U. P. W.	m					
										Spedded Complet Depth Storage	
Note.	There	Were			run						

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate Form 9-329 (January 1950)



(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Budget Bureau No.	42-R358.4
Form Approved.	

Land Office Balt Lake City

Lease No. 070555

Unit Chalk Creek Ges Storage Field

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR SUBSEQUENT REPORT OF ABANDONMENT SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL.	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Chalk Creek Gov't. Well N) . 6	Jiovent.	er 6		, 1962
Well No. 6 is located 1	100 ft. fron	$n \stackrel{N}{\underset{\mathbf{X} \in \mathbf{X}}{\sum}} \text{line and}$	81	ft. from $\begin{cases} \mathbf{x} \\ \mathbf{W} \end{cases}$ line of sec.	6
EW MW MW sec. 6	2N	6E	8. L.	N.	
(1/4 Sec. and Sec. No.)	(Twp.)	(Range)	(Meri	dian)	
Chalk Creek Ges Storage	Sumit			Uteh	
(Field)	(County	or Subdivision)		(State or Territory)	
ground	. ,	1	·_		
The elevation of the	r above sea le	vel is (V)	t.		

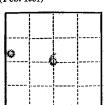
DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The subject well was spudded on November 2, 1962. At a depth of 350', a surface string of 10-3/4" OD., 32.75#, R-40, 6rnd thd ST&C casing, measuring 305.65' net, 309.16' gross was run into the well and landed at 316.55' KEM. The casing was cemented with 185 sacks Ideal regular cement treated with 265 pounds calcium chloride. Good mud returns prior to and while mixing and displacing cement. Had 1 barrel cement return to surface.

Presently waiting on cement.

I understand that this plan of work must receive approval in writing k	by the Geological Survey before operations may be commenced.
Company Mountain Fuel Supply Company	
Address P. O. Box 1129	
Rock Springs, Wyoming	By BW Croft
	Titl@enersl Manager, Producing and Pipeline Division



(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Budget	Bureau	No.	42-R358.4.
Form A	pproved	_	

Land Office Salt Lake City

1070555

Unit Chalk Creek Ges Storage

SUNDRY NOTICES AND REPORTS ON WELLS

	SUBSEQUENT REPORT OF WATER SHUT-OFF
-	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
	SUBSEQUENT REPORT OF ALTERING CASING
-	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
-	SUBSEQUENT REPORT OF ABANDONMENT
-	SUPPLEMENTARY WELL HISTORY
-	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Chalk Creek Government We	ell No. 6	November 13 , 1	962
Well No. 6 is located	1100 ft. from	N line and N ft. from N line of sec.	<u> </u>
SW NW NW sec. 6	2%	68 S. L. M.	
(1/4 Sec. and Sec. No.)	(Twp.) (Range) (Meridian)	
Chalk Creek Gas Storage	Summit	Utah	
(Field)	(County or	Subdivision) (State or Territory)	•

The elevation of the derrick floor above sea level is 7099.19t.

DETAILS OF WORK

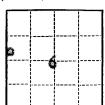
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Depth 1262', drilling in Kelvin formation.

Pressure tested 10-3/4" OD surface casing and BOP to 500 psi each for 15 minutes; pressure tests held good. Resumed drilling, using a 9" bit.

CONFIDENTIAL

Company	Mountain Fuel Supply Company	
Address	P 0. Box 1129	
	Rock Springs, Wyoming	By B.W. Geoft
		Title General Manager, Producing and Pipeline Divisions



(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Budget Bureau No.	42-R358.4.
Form Approved.	

Land Office S. L. C.

Lease No. 070355

Unit Chalk Creek Gas Storage

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	 SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	 SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	 SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	 SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	 SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING.	 SUPPLEMENTARY WELL HISTORY	-XX
NOTICE OF INTENTION TO ABANDON WELL	 	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Chalk Creek Government	Well No. 6	•	November 20	, 1962
Well No. 6 is located	1100 ft. fro	m_{-} $N \atop K$ line an	ad \mathbf{S}_1 ft. from $\left\{\begin{matrix} \mathbf{E}_{\mathbf{W}} \\ \mathbf{W} \end{matrix}\right\}$ line	of sec6
W NW NW sec. 6 (1/2 Sec. and Sec. No.)	(Twp.)	<u>~</u>	(Meridian)	
Chalk Creek Gas Storage (Field)	(Count	y or Subdivision)	(State or Territor	y)

The elevation of the derrick floor above sea level is 7099.10ft.

DETAILS OF WORK

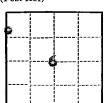
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The subject well is at a depth of 2049', preparing to drill ahead after completing drill stem test No. 2.

DET #1: 1850'-2049', Kelvin, misrun, packer seat failed.
DET #2: 1840'-2049', Kelvin, (8-2 sand), ISI \(\frac{1}{2}\) hour, tool open 1 hour, FSI 1 hour, good blow, dead in 32 minutes, no gas to surface. Recovered 650' slightly water cut mud. ISIP 375 psi, IMP 980 psi, IMP 258 psi, FFP 375 psi, FSIP 350 psi, FMP 980 psi.

CONFIDENTIAL

I understand that this plan of work must receive approval in writing by	the Geological Survey before operations may be commenced.
Company Mountain Fuel Supply Company	
Address P. O. Box 1129	
Rock Springs, Wyoming	By B.W. Croft
	Title General Manager, Producing and Pipeline Divisions



(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Budget	Bureau	No.	42-R35	8.4.
Form A	pproved.			

Land Office Salt Lake City

....N 070555

Unit Chalk Creek Gas Storage

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	 SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	 SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	 SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	 SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	 SUBSEQUENT REPORT OF ABANDONMENT.
NOTICE OF INTENTION TO PULL OR ALTER CASING	 SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Chalk Creek Government W	oll No. 6	November 26 ,	1962
Well Nois located	1100 ft. from	$\{ \begin{array}{c} N \\ W \end{array} \}$ line and $\{ \begin{array}{c} 1 \\ 0 \end{array} \}$ line of sec.	6
5W NW NW sec. 6 (½ Sec. and Sec. No.)	(Twp.) (R	68 S. L. M. ange) (Meridian)	
Chalk Creek Gas Storage	Summit	Utah	
(Field)	(County or s	Subdivision) (State or Territory)	

The elevation of the derrick floor above sea level is 7099.10ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The subject well is coring at a depth of 2351'.

CONFIDENTIAL

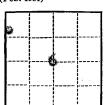
I understar	nd that this plan of work must receive approval in writin	g by the Geological Survey before operations may be commenced.
Company	Mountain Fuel Supply Company	
Address	P. O. Box 1129	
***************************************	Rock Springs, Vyoming	By B.W. Cenft
		Title General Manager, Producing and Pipeline Divisions

LAND	OFFICE	. Sala	labo		
Lease	Numbe	R			
Unit	Cal	t Cree		••••••	
	Cas i	tous			•••••

LESSEE'S MONTHLY REPORT OF OPERATIONS

wens	107 11.	e mon	נס מזז		1002		1 Q			drilling and producing
1280100 3	uuu7 es	J		P	. O. Box 989		Com	toany MOI	INTAIN FI	IFI SUPPLY COMPANY
		·			ETIKE CITI, O	AH	Sion	ed	コントエ	nook.
Phone					328-8315		Ages	nt's title [DIVISIONAL	CHIEF ACCOUNTANT
SEC. AND 14 OF 14	1	RANGE	l	1				T	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down
			Gere	ERRENT	Wells					gasoline content of gas)
52 6	2	6	5							Symbled 9/14/42
										Completed 9/25/62
									·	Stowngo Well
6 188	2	6	6		,					Spudded 11/2/42
										Hov. 30, 1962 Was
										dit danderk
			Lak	Hall						•
W 7	2	6	7-1						·	Synadded 9/28/62
									·	Completed 10/31/61
										Storage Wall
				,						
					,					
									.	
					1					
										•

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor. Form 9-329 (January 1950)



(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Budget	Bureau No.	42-R358.4
Form A	pproved.	

Land Office Salt Lake City

Lease No. 070555

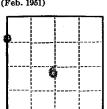
Unit Chalk Creek Gas Storage

NOTICE OF INTENTION TO DRILL	· · · · · · · · · · · · · · · · · · ·	CURSEOUENT REPORT OF WATER CHILT OFF	
NOTICE OF INTENTION TO CHANGE		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO TEST WA			
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL			-
		SUPPLEMENTARY WELL HISTORY	XX
(indic.		RK NATURE OF REPORT, NOTICE, OR OTHER DATA)	, 1962
'ell No. 6 is loca	ted 1100 ft. from	m. $\{N\}$ line and $\{W\}$ line of s	ec. <u>6</u>
N MW MW sec. 6	2N	(Range) (Meridian)	
(1/2 Sec. and Sec. No.)	(Twp.)	(Range) (Meridian)	
	, ,	, , ,	
,	ge Summit	, , ,	
halk Creek Gas Store (Field)	Sumit (County a floor above sea le	y or Subdivision) (State or Territory)	·
halk Creek Gas Stora (Field) he elevation of the derrick	Summit (County the floor above sea less the fl	y or Subdivision) (State or Territory) evel is 7099.10ft.	g jobs, cement
halk Creek Gas Stora (Field) he elevation of the derrick	County Cloud to the control of the	y or Subdivision) (State or Territory) evel is 7099.10ft. ALLS OF WORK sizes, weights, and lengths of proposed casings; indicate muddin lother important proposed work)	g jobs, cement
me elevation of the derrick ate names of and expected depths to surface, no see to surface, no see to surface.	Summit (County c floor above sea le DETA c objective sands; show sing points, and all oring at a dep Relvia, TST	y or Subdivision) (State or Territory) evel is 7099.10ft. ALLS OF WORK sizes, weights, and lengths of proposed casings; indicate muddin lother important proposed work)	good
reals Creek Gas Store (Field) The elevation of the derrick of the names of and expected depths to the surface of the surface	Summit (County c floor above sea le DETA c objective sands; show sing points, and all oring at a dep Relvia, TST	y or Subdivision) (State or Territory) evel is 7099.10ft. AILS OF WORK sizes, weights, and lengths of proposed casings; indicate mudding to ther important proposed work) th of 2685. hour, tool open 1 hour, FSI 1 hour, 1250, and cut water. ISIP 545 psi.	good
reals creek des Store (Field) The elevation of the derrick ate names of and expected depths to the surface of	Summit (County c floor above sea le DETA c objective sands; show sing points, and all oring at a dep Relvia, TST	y or Subdivision) (State or Territory) evel is 7099.10ft. AILS OF WORK sizes, weights, and lengths of proposed casings; indicate mudding to ther important proposed work) th of 2685. hour, tool open 1 hour, FSI 1 hour, 1250, and cut water. ISIP 545 psi.	good
reals Creek Gas Store (Field) The elevation of the derrick of the names of and expected depths to the surface of the surface	Summit (County c floor above sea le DETA c objective sands; show sing points, and all oring at a dep Relvia, TST	y or Subdivision) (State or Territory) evel is 7099.10ft. AILS OF WORK sizes, weights, and lengths of proposed casings; indicate mudding to ther important proposed work) th of 2685. hour, tool open 1 hour, FSI 1 hour, 1250, and cut water. ISIP 545 psi.	good
ne elevation of the derrick ate names of and expected depths to surface.	Summit (County c floor above sea le DETA c objective sands; show sing points, and all oring at a dep Relvia, TST	y or Subdivision) (State or Territory) evel is 7099.10ft. AILS OF WORK sizes, weights, and lengths of proposed casings; indicate mudding to ther important proposed work) th of 2685. hour, tool open 1 hour, FSI 1 hour, 1250, and cut water. ISIP 545 psi.	good

Address F. O. Box 1129

Bock Springs, Wyoming By B.W. Cooft

TitleGeneral Manager, Producing and Pipeline Divisions



(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Budget	Bureau	No.	42-R358.	4
Form A	pproved.			

Land Office Salt - Lake -City

Lease No. 07055

Unit ...Chalk...Creek Gas... Storage

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF.
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL.	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Chalk	Creek	Government	Well No.	6	December	10	·•	1962_
Well No.	_6	is located	_1100_ ft.	$from_{-} \left\{\begin{matrix} N \\ c \end{matrix}\right\}$	line and 🚵 f	t. from $\left\{ egin{array}{c} \egin{array}{c} \egin{array}{c} \egin{array}{c} \egin{array}{c} \egin{array}{c} \e$	line of sec. 6	i
SW NW	Sec. and Se	c. No.)	(Twp.)	(Range)	(Meridia	in)		
Chalk	Creek (Field)	Gas Storage	\$ 	ounty or Subdivis	sion)	(State or	Territory)	

The elevation of the derrick floor above sea level is 1099.10ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

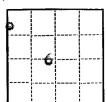
The subject well is coring at a depth of 2984; in the Kelvin formation.

DST #4: 2540'-2611', Kelvin, ISI \(\frac{1}{2}\) hour, tool open 1 hour, 78I 1 hour, strong blow, gradually decreasing and dead in 45 minutes, no gas or water to surface. Recovered 1494' muddy water. ISIP 665 psi, IMP 1310 psi, BHFP's 590-675 psi, PSIP 665 psi, FMP 1295 psi.

I understand that this plan of work must receive approval in writing by th	e Geological Survey before operations may be commenced.
Company _ Mountain Pusl Supply Compay	
AddressP. O. Box 1129	
Book-Springs, Wyoning	By B.W. Ceoft
	Title general Manager, Producing and Pipeline Divisions

Budget Bureau No. 42-R358.4. Form Approved.

Form 9-331 a (Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

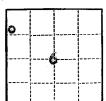
Land	Office	Balt	Lake	City

Lease No. ... 070555

Unit Chalk Creek Gas Storage

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS.	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING.
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	
(INDICATE ABOVE BY CHECK MARK N	NATURE OF REPORT, NOTICE, OR OTHER DATA)
aalk Creek Government Well No. 6	December 18 , 1962
ell No is located 1100 ft. from	$\{N\}$ line and $\{1, \dots, M\}$ line of sec. $\{M\}$
SW NN NW sec. 6 28	6E S. L. M.
	Range) (Meridian)
Chalk Creek Gas Storage Summit	Subdivision) (State or Territory)
(Field) (County or	Subdivision (State of Territory)
e elevation of the character above sea leve	ol io 7000 ft
DETAIL	LS OF WORK
ate names of and expected depths to objective sands; show sizes ing points, and all otl	
ing points, and all off first states of the part of th	s, weights, and lengths of proposed casings; indicate mudding jobs, cemerher important proposed work) ur, tool open a hour, FSI a hour, strong Recovered 300° mud. ISIP 315 pei, 77 110 pei (plugged), FSIP 195 pei, FMP ur, tool open 40 minutes, FSI 40 minutes, vered 2000° muddy vater. ISIP 665 psi, 1, FSIP 665 pei, FMP 1430 pei.
ing points, and all of 25. 2970'-3110', Kelvin, ISI how, slowly dying, no gas to surface. 150 psi, IFP 110 psi (plugged), For 150 psi. 150', Kelvin, misrun. 151', 2995'-3110', Kelvin, ISI', how, dead in 30 minutes. Record 1440 psi, IFP 530 psi, FFP 765 psi psently drilling at a depth of 3317'	s, weights, and lengths of proposed casings; indicate mudding jobs, cemer her important proposed work) our, tool open a hour, FSI a hour, strong Recovered 300 and. ISIP 315 pei, FP 110 pei (plugged), FSIP 195 pei, FEP 110 pei.
ing points, and all off [s, weights, and lengths of proposed casings; indicate mudding jobs, cemer her important proposed work) our, tool open a hour, FSI hour, strong Recovered 300 and. ISIP 315 pai, FP 110 pai (plugged), FSIP 195 pai, FEP our, tool open 40 minutes, FSI 40 minutes, overed 2000 muddy vater. ISIP 885 pai, overed 2000 muddy vater. ISIP 885 pai, overed 2000 pai, FEP 1430 pai.
ing points, and all of []: 2970'-3110', Kelvin, ISI 2 ho w, slowly dying, no gas to surface. 1450 psi, IFP 110 psi (plugged), F 20 psi. []: 46: 3110', Kelvin, misrum. []: 77: 2995'-3110', Kelvin, ISI 2 ho rong blow, dead in 30 minutes. Record 1440 psi, IFP 530 psi, FFP 785 psi esently drilling at a depth of 3317'	s, weights, and lengths of proposed casings; indicate mudding jobs, cemer her important proposed work) our, tool open a hour, FSI hour, strong Recovered 300 mud. ISIP 315 pai, 77 110 pai (plugged), FSIP 195 pai, FRP our, tool open 40 minutes, FSI 40 minutes, wered 2000 muddy vater. ISIP 665 pai, FSIP 1430 pai.
ing points, and all off 2770 -3110 , Kelvin, ISI how, slowly dying, no gas to surface. 1450 psi, IFP 110 psi (plugged), For psi. 6: 3110 , Kelvin, misrum. 7: 2995 -3110 , Kelvin, ISI hown blow, dead in 30 minutes. Recoluted psi, IFP 530 psi, FFP 755 psi psently drilling at a depth of 3317 I understand that this plan of work must receive approval in wompany Mountain Fuel Supply Company	s, weights, and lengths of proposed casings; indicate mudding jobs, cemer her important proposed work) our, tool open a hour. FSI a hour, strong. Recovered 300 and. ISIP 315 pei. TP 110 pei (plugged), FSIP 195 pei, FEP 110 pei.

GP3 914974



(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Budget	Bureau No.	42-R358.4
Form A	pproved.	

Land Office Salt Lake City

Lease No. 070555

Unit Chalk Greek Gas Storage Project

NOTICE OF INTENTION TO DRILL NOTICE OF INTENTION TO CHANGE PI NOTICE OF INTENTION TO TEST WATE	LANS	SUBSEQU	ENT REPORT OF WATE ENT REPORT OF SHOO' ENT REPORT OF ALTER	TING OR ACIDIZING	
NOTICE OF INTENTION TO RE-DRILL		1 11	ENT REPORT OF RE-DR		
NOTICE OF INTENTION TO SHOOT OR		1 11	ENT REPORT OF ABANI		
NOTICE OF INTENTION TO PULL OR A		1 11	ENTARY WELL HISTOR		
NOTICE OF INTENTION TO ABANDON		l li			
(INDICA:	TE ABOVE BY CHECK MAI				
Chalk Creek Covernment	Well No. 6		December 26		, 1962_
Well No. 6 is locat	ed 1100 ft. fro	$\mathbf{m}_{-} \begin{Bmatrix} \mathbf{N} \\ \mathbf{S} \end{Bmatrix}$ line a	and 61 ft. fr	rom W line of	sec6
SW MW MW sec. 6	28	6 E	(Meridian)	*	•
(¼ Sec. and Sec. No.)	(Twp.)	(Range)	,,	494 Y	
Chalk Creek Gas Storag (Field)		y or Subdivision)		(State or Territory)	
The elevation of the derrick	floor above sea l	level is 7999.	10 ft.		
	DETA	AILS OF W	ORK		
State names of and expected depths to					
The subject well is dr	dlling at a d	lepth of 35	50' in the K	elvin format	ion.
d hour, FSI d hour; we weak blow in 23 minute	s on initial red 240' mud.	ding to st opening; t ISIP 10	rong blow in col reopened 55 psi, IMP 1	10 minutes, , dead in 30 720 pei, ini	dying to minutes or

l understand that this plan of work must receive approval in writing by t	he Geological Survey before operations may be commenced.
Company Mountain Fuel Supply Company	
Address P. O. Box 1129	
Rock Springs, Wyoming	By B.W. Geoft
	Tit Beneral Manager, Producing and Pipeline Divisions

Budger Bureau No. 42-R356.5. Approval expires 12-31-60

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LAND OFFICE	Salt Loke
LEASE NUMBER .	
Unit	Chalk Greek
	Ges Stewage

LESSEE'S MONTHLY REPORT OF OPERATIONS

	tah		Coi	unty	mit	Fie	eld Ch	alk Andr	.
tor th	jouown be mon	ng is nth o	f a con	AN 1003	of opera	ntions and	production	(including	drilling and product
	·		r	U. BOX 989		Cox	mbany MOI	INITAINI EI	TEL CLIDDLY COLD IN
				C.1., O1	4111	10	mad	- C) 7 Z .	\mathcal{M}
T				328-8315		Ag	ent's title I	IVISIONA	L CHIEF ACCOUNTAN
1	1		DAYS	1				BARRELS OF	
	Go	VELL	ment W	118					
	6	5							Spudded 9/14/62 Completed 9/25/6 Depth 1032' Storage Well
2		6 P. V	/ells						Spudded 11/2/62 Completed 1/3/63 Depth 3599'
2	6	7-1							Spudded 9/28/62 Completed 10/31/6 Depth 2498' Storage Well
									·
The second secon									
1				:	!				
	for the address	Twp. Range 2 6	for the month of address Twp. Range Well No. Govern 2 6 5	for the month of	for the month of JAN SALT LAKE CITY, UT 328-8315 TWP. RANGE WELL NO. PRODUCED BARRELS OF OIL GOVERNMENT Wells 2 6 6 U. R. Wells	for the month of JAN 1993 address P. O. Box 989 SALT LAKE CITY, UTAH 328-8315 TWP. RANGE WELL DAYS PRODUCED BARRELS OF OIL GRAVITY GOVERNMENT Wells 2 6 5 1. P. Wells	for the month of JAN 193 19 Address P. O. Box 989 Co SALT LAKE CITY, UTAH Sig 328-8315 Ag TWP. RANGE WELL DAYS PRODUCED BARRELS OF OIL GRAVITY CU. Ft. of GA (In thousands) GOVERNMENT Wells 2 6 5	for the month of JAN 19, 19, address P. O. Box 989 Company MOU SALT LAKE CITY, UTAH Signed 328-8315 Agent's title I TWP RANGE WELL NO. PRODUCED BARRELS OF OIL GRAVITY CU. Pt. OF GAS GASOLINE RECOVERED GOVERNO GASOLINE RECOVERED GASOLINE REC	PRODUCED BARRELS OF OIL GRAVITY CU. PT. OF GAS GASCLINE GASCLINE GASCLINE RECOVERED GOVERNMENT Wells 2 6 5 U. P. Wells 2 6 7-1

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate Form 9.329

. K			
	al 11 amel a Summit a	6 m 2N	
Field	Chalk Creek State Utah County Summit Sec.		
Company.	Mountain Feul Supply Farm Chalk Creek Well	No. Gov'	t. No
	Location 1100' FNL 81' FWL Elev. 7090' Grou	nd; 7101'	KB
	Drilling Commenced November 2, 1962 Completed Decem	ber 27, 1	962
<u> </u>	Rig Released January 2, 1963 Total Depth	3600'	
	Casing Record 10" @ 316.55' KBM with 185 sacks.		
	7" @ 3258.12' KBM with 375 sacks.		
	m.l		
	Tubing Record		
	Perforations		
		•	
I. P.	GasOil		
Sands			
Shut-in S	Surface Pressures		
	Cored intervals are: 2257'-2361', 2602-2634', 2672'-2735', 2921'	-30791	This
	FORMATION RECORD FORMATION RI		
		FROM	
soft, hard,	stone, medium gray, fine to medium grained, black grains included, friable; Siltstone, light yellow, some brown, brown is calcareous, firm; trace Shale, medium gray, soft, calcareous, trace carbonas; trace Chert, reddish.	350	37
tight	stone as above, slightly calcareous, some red grains included, hard t; trace Siltstone, yellow, as above.		38 4
grain	stone, medium gray, fine-grained, red grains included, arkose?, bla ns included, hard, tight.		
	stone as above; trace Limestone, light yellow to white, clastic; tronaceous.	ace 410	42
Sands	stone as above; trace Siltstone, light yellow, firm; trace Shale as	420	46
above Sands	e, medium gray, calcareous, firm; trace Limestone as above. stone as above, slightly carbonaceous; trace Siltstone, red-brown,	460	47
calca Sands carbo	areous; trace Shale, medium gray, carbonaceous. stone, white to medium gray, very fine grained, silty, slightly onaceous, soft, friable; Siltstone, medium gray, carbonaceous,	470	48
Sands	, firm; trace Shale as above. stone as above; Siltstone as above, some brown, yellow, red; trace	480	49
As at	e as above. bove, some Shale as above, has secondary calcite.	490	5.
As al	bove, trace Limestone, light yellow-brown.	510 520	52
trace	stone medium to dark grav shaley soft: trace Sandstone as above:		54
As al Silt	stone, medium to dark gray, shaley, soft; trace Sandstone as above; e Shale as above; trace Limestone as above.		
trace	e Shale as above; trace Limestone as above. bove; some Sandstone as abvoe, very slightly calcareous.	540 560	50
Sha 1	e Shale as above; trace Limestone as above. bove; some Sandstone as abvoe, very slightly calcareous. stone as above; trace Sandstone as above; trace Shale as above; e Limestone, white, well crystalized. e as above; Sandstone, brownish yellow, medium to coarse grained,	540	56 59
sligh Stone	e Shale as above; trace Limestone as above. bove; some Sandstone as abvoe, very slightly calcareous. stone as above; trace Sandstone as above; trace Shale as above; e Limestone, white, well crystalized. e as above; Sandstone, brownish yellow, medium to coarse grained, htly calcareous, some black grains included, friable; trace Silt- e as above; trace Limestone as above.	540 560 590	56 59
sligh Stone Sands hard,	e Shale as above; trace Limestone as above. bove; some Sandstone as abvoe, very slightly calcareous. stone as above; trace Sandstone as above; trace Shale as above; e Limestone, white, well crystalized. e as above; Sandstone, brownish yellow, medium to coarse grained, htly calcareous, some black grains included, friable; trace Silt- e as above; trace Limestone as above. stone as above, also white to medium gray, fine grained, calcareous , tight; some Shale as above; trace Siltstone as above; trace Lime-	540 560 590	56 59
sligh Stone Sands hard, stone Shale	e Shale as above; trace Limestone as above. bove; some Sandstone as abvoe, very slightly calcareous. stone as above; trace Sandstone as above; trace Shale as above; e Limestone, white, well crystalized. e as above; Sandstone, brownish yellow, medium to coarse grained, htly calcareous, some black grains included, friable; trace Silt- e as above; trace Limestone as above. stone as above, also white to medium gray, fine grained, calcareous , tight; some Shale as above; trace Siltstone as above; trace Lime- e as above. e, gray, calcareous, soft; some Sandstone as above; some Siltstone	540 560 590	54 56 59 60 63
sligh Stone Sands hard, stone Shale as al	e Shale as above; trace Limestone as above. bove; some Sandstone as abvoe, very slightly calcareous. stone as above; trace Sandstone as above; trace Shale as above; e Limestone, white, well crystalized. e as above; Sandstone, brownish yellow, medium to coarse grained, htly calcareous, some black grains included, friable; trace Silte as above; trace Limestone as above. stone as above, also white to medium gray, fine grained, calcareous, tight; some Shale as above; trace Siltstone as above; trace Limee as above.	540 560 590 600	50 59 60

 Field
 Chalk Creek
 Sec. 6 T. 2N R 6E
 Page 2

 Farm
 Chalk Creek
 Well No. Gov't. No. 6

Company Mountain Fuel Supply Company

FORMATION RECORD		
Sandstone, yellowish brown, some white, very fine to fine grained, highly calcareous, hard, firm, some Shale as above.	680	710
Shale as above; some Sandstone, white, very fine to fine grained, calcareous, soft.	710	720
Shale as above, some Sandstone as above; Siltstone, white, brown, gray, red, calcareous, soft to firm, trace Limestone, white.	720	730
Sandstone as above, some yellowish brown; Siltstone as above; trace Shale as above.	730	750
As above; trace Siltstone as above. Sandstone as above; Siltstone, red, mottled, slightly calcareous,	750 780	780 820
soft; Shale as above. Sandstone, brownish white, fine grained, calcareous, hard, tight;	820	840
Siltstone, reddish brown, calcareous, soft; some Shale as above. Sandstone, white, fine grained, calcareous, soft, friable.	840	860
Sandstone as above, some medium gray, very fine grained, slightly- non calcareous, hard, tight, some Siltstone as above; some Shale as above.	860	870
As above; Siltstone as above; Shale as above; trace Limestone, white crystalline.	870	910
Sandstone as above; Shale as above; trace Siltstone as above; trace Limestone, micro-crystalline, trace Pyrite.	910	930
Shale as above; some Sandstone as above; some Siltstone as above; trace Limestone as above.	930	940
Sandstone, white to medium gray, fine grained, calcareous, soft, friable; some Shale as above, trace Siltstone as above.	940	960
Sandstone, yellowish brown to medium gray, fine to medium grained, calcareous, black grains, hard, tight; some Shale as above.	960	970
Shale as above; some Sandstone as above; trace Siltstone, brown, calcareous, hard, firm, trace Limestone, white, micro-crystalline.	970	1000
Sandstone, buff, very fine to fine grained, calcareous, soft; Shale as above.	1000	1010
Shale as above, some mottled brown; Siltstone as above; trace Sandstone as above; trace Limestone as above.	1010	1040
Shale as above; Siltstone as above, some red, gray, variegated; trace Sandstone as above; trace Limestone as above.	1040	1050
Shale as above; some Sandstone, medium gray, very fine to fine grained, calcareous, hard, tight; trace Siltstone as above.	1050	1070
Siltstone, brownish gray, red, calcareous, firm; trace Sandstone as above; trace Shale as above.	1070	1100
Siltstone as above; some Shale as above; trace Sandstone as above. Sandstone, medium gray, fine to medium grained, calcareous, black grains included, soft, friable; some Siltstone as above; some Shale as above.	1100	1110 1130
As above; Siltstone as above; Shale as above.	1130	1160
As above; some Shale as above. Shale as above; some Siltstone as above; trace Sandstone as above; trace Gypsum, white, massive (alabaster).	1160 1190	1190 1200
Siltstone, brown, gray, red, calcareous, soft to firm; trace Shale, light to dark gray, carbonaceous in part, soft; trace Sandstone as	1200	1230
above; trace Gypsum as above. Sandstone, brown, very fine grained, calcareous, silty, soft; trace Siltstone as above; trace Shale as above.	1230	1240
Sandstone, medium gray, very fine grained, calcareous, silty, hard, tight; trace Shale as above; trace Siltstone as above.	1240	1260
As above; some Sandstone, white, fine grained, calcareous, soft to hard, some black grains included.	1260	1270
As above; Siltstone, brown, calcareous, soft; Shale, medium dark gray, carbonaceous in part, soft.	1270	1320
No sample. Sandstone, white to medium gray, fine grained, calcareous, silty, hard, tight; Siltstone, medium to dark gray, calcareous, soft; trace Shale as above.	1320 1330	1330 1350
Siltstone, brown, calcareous, firm; some Shale as above; trace Sandstone as above.	1350	1390
As above; some Sandstone as above.	1390	1430

Sec. 6 T. 2N R 6E

Well No. Govit. No. 6

Farm Chalk Creek
Company Mountain Fuel Supply

FORM.	MOTTA	PECOPD

FORMATION RECORD		
Shale, light gray to gray, silty, soft, bentonite, some brown, silty, firm; Siltstone, brown, sandy, calcareous, hard; trace Sandstone, light gray, very fine grained, silty, calcareous,	1430	144
hard, tight.		4.7
Shale as above; Siltstone as above; trace Sandstone as above.	1440	14:
Shale as above; Siltstone, light brown, light gray, sandy, calcareous, firm; some soft, bentonite; Sandstone, light brown	1450	146
light gray, very fine grain, silty to argillaceous, soft to firm.		
Shale as above; Siltstone as above; Sandstone as above.	1460	147
Shale, gray to dark gray, silty, calcareous, firm; Siltstone, gray	1470	148
to dark gray, sandy, calcareous, firm; Sandstone, light gray, very fine grained, silty, calcareous, tight; Pyrite.	_,,,	
Shale as above; Siltstone as above; sandstone as above.	1480	149
Shale as above; Siltstone as above; Sandstone as above.	1490	150
Shale as above, Siltstone as above; Sandstone, white, fine to	1500	. 15
to medium grained, silty to argillaceous, calcareous, poorly sorted with coarse grains, Pyrite.		
Siltstone as above; Sandstone as above; trace Shale as above.	1510	15
Siltstone as above; Sandstone, white, very fine grained to fine	1520	15
fine grained, silty to argillaceous, calcareous, friable, hard, tight.		
Sandstone as above, trace Shale as above; trace Siltstone as above.	1530	15
Sandstone as above; trace Shale as above; trace Siltstone as above. As above.	1540	15
As above.	1550	15
As above.	1560	15
Shale, light gray, very soft, sandy, bentonite; Sandstone as above some light gray, very soft bentonite; trace Siltstone as above.	1570	- 15
Shale, light gray to gray, silty, calcareous, firm, some brown, silty, calcareous, firm; Siltstone, light gray, light brown, sandy, firm; Sandstone, light gray, very fine grain, silty to argillaceous,	1580	15
firm, tight.		
Shale as above; Siltstone as above; Sandstone as above.	1590	16
Shale, variegated gray, brown, purple, silty, firm; Siltstone as above; Sandstone as above.	1600	16
Shale as above; Siltstone as above; Sandstone as above.	1610	16
As above.	1620	16
As above.	1630	16
As above.	1640	16
As above.	1650	16
As above.	1660	16
As above.	1670	16
As above.	1680	16
Shale as above; some light brown, brown, very soft, sandy, bentonite; Siltstone as above; Sandstone as above; Gypsum.	1690	17
Shale as above, Siltstone as above; Sandstone as above.	1700	17
Shale, variegated green, green, brown, purple, silty, firm; Siltstone brown, gray, sandy, calcareous, firm; Sandstone, white, light gray,	1710	17
very fine grained, silty to argillaceous, hard, tight.	1720	17
Shale as above; Siltstone as above; Sandstone as above.	1720	174
As above.	1740	17.
As above. As above.	1750	17
As above.	1760	17
As above.	1770	17
As above.	1780	17
Shale, light gray, very soft, sandy, bentonite; Siltstone as above; Sandstone as above.		
	1800	18

2160

2170

2210

2220

2170

2210

2220

2250

2257

 $2N_R$ 6E <u>6 T.</u> Field Chalk Creek Page Well No. Gov't. No. 6 Farm Chalk Creek Company Mountain Fuel Supply FORMATION RECORD Shale as above; Siltstone as above; Sandstone as above. 1810 1820 As above. 1820 1830 Shale as above; Siltstone as above; Sandstone, light gray, white, 1830 1840 very fine grained, silty to argillaceous, calcareous, soft to hard, tight, w/black, orange and green grains. Shale as above; Siltstone as above; Sandstone as above. 1840 1850 As above. 1850 1860 As above. 1860 1870 As above. 1870 1880 As above. 1880 1890 Shale as above; some light gray, sandy, very soft, bentonite; 1890 1900 Siltstone as above; Sandstone as above. Shale as above; Siltstone as above; Sandstone as above. 1900 1910 As above. 1910 1920 Sandstone, white to light gray, very fine grain, calcareous, argilla-1920 1950 ceous, soft, tight, blue and orange grains included; some Siltstone, brown, calcareous, soft; trace shale, light gray to gray, calcareous, firm. As above; Sandstone very calcareous, hard, tight, trace pyrite. 1950 1990 1990 2000 Siltstone as above; some Sandstone as above; trace Shale as above. Sandstone as above; some Siltstone as above; trace Shale as above. 2000 2010 Sandstone as above; Siltstone as above; Shale as above. 2010 2060 Siltstone as above; some sandstone as above; some Shale as above. 2060 2090 Siltstone as above; some Shale as above; trace Sandstone as above. 2090 2120 As above; trace Limestone, white, micro-crystalline, hard. 2120 2130 Sandstone, white, very fine grained, calcareous, hard, tight; some 2130 2140 Shale, gray, soft, tract Siltstone as above. As Above; Siltstone as above. 2140 2160

> 2257'-2309' Rec. 52' Core #1

Sandstone, white to light gray, fine grained, calcareous, argillaceous, 2250

2257-2258 Sandstone, light gray, very fine grain, calcareous, argillaceous, hard, tight.

2258-2259.8

stone as above; trace Shale as above.

Shale as above.

above.

Siltstone, gray, calcareous, firm. 2 Shale, dark gray, mottled, calcareous, soft. 2259.8-2261.2

2261.2-2267.2 Shale, medium gray, mottled, silty, hard, firm.

2267.2-2269.5 Sandstone, medium gray, very fine grained, calcareous, argillaceous, hard, tight.

2269.5-2272.5 Siltstone, light to dark gray, calcareous, hard, firm.

Sandstone, brown white, very fine to fine grained, calcareous, blue and orange grains included, hard, tight; Siltstone as above; some

Siltstone as above; some Shale as above; trace Sandstone as above.

Sandstone, white, very fine grained, calcareous, soft, some Silt-

blue grains included, soft; trace siltstone as above; trace Shale as

Siltstone as above; Shale as above; trace Sandstone as above.

2272.5-2279.2 Sandstone, white to light gray, fine to medium grained, calcareous, colored grains included, hard.

2279.2-2284 Shale, medium to dark gray, slightly calcareous, soft to hard.

2284-2288 Siltstone, medium gray, calcareous, arenaceous, hard, firm.

2288-2290.5 Shale, red gray, calcareous, firm.

Siltstone, medium gray, slightly calcareous, arenaceous, hard, firm. 2290.5-2295.5

Sandstone, light gray, very fine grain, calcareous, hard, firm. 2295.5-2296.8

2296.8-2309 Shale, red brown, silty in part, very slightly calcareous, hard, firm.

2309'-2361' Rec. 52' Core #2

2309-2332.3 Shale, dark red brown, silty, hard, firm.

2332.3-2336.1 Sandstone, light gray to gray, very fine grained, calcareous, silty, hard, tight.

2336.1-2338 Shale, black, silty, hard, firm.

2338-2341 Shale, gray, calcareous, silty, hard, firm.

Page 5 6 T. 2N

Field Chalk Creek Chalk Creek Well No. Gov't. No. 6 Farm

Company Mountain Fuel Supply

	FC	DRMATION RECORD		
	2341-2343.5 2343.5-2345.7 2345.7-2356 2356-2360 2360-2361	Shale, purple to brown, calcareous, silty, hard, firm. Shale, gray, mottled, silty, hard. firm. Shale, red brown, calcareous, silty, hard, firm. Siltstone, gray, calcareous, arenaceous, hard, tight. Shale, dark red brown, calcareous, silty, hard, firm.		
		vn, calcareous, firm; trace Siltstone, light gray to ace sandstone, white, very fine grained.	2361	2380
	Shale as above	; trace Siltstone as above. vn, silty, calcareous, firm; trace Shale, gray, silty,	2380 2410	2410 2450
	slightly calcar		2450	2500
	Shale, red brow	e grained, calcareous, hard, tight. wn, silty, calcareous, firm with some Siltstone, light prown, silty, very fine grained, calcareous, hard, tight	2500	2510
		with abundant Shale, light gray to light purple, soft.	2510	2520
		wn, silty, calcareous, firm, with some Shale, light gray	2520	2540
		n, light purple to gray, silty, calcareous, soft, with	2540	2550
	minor Sandstone hard, tight.	e, light gray, silty, very fine grained, calcareous,		
		; Sandstone as above.	2550	2560
		wn, light gray to light purple, calcareous, firm, dstone, light gray, silty, very fine grained,	2560	2590
	calcareous, har			
	Sandstone, ligh	nt red brown, silty , very fine grained, calcareous, ight, with some Shale, red brown to gray, mottled	2590	2600
		Core #3 2602'-2634' Rec. 30'		
		Core #3 2002 -2034 Rec. 30	,	
-	2612.1-2613.4	Sandstone, light red brown, very fine grained, calcareo grains, hard, tight. Shale, dark red brown, silty, calcareous, firm. Sandstone, light red brown, silty, very fine grained, catight.		
	2613.4-2614	Shale, dark red brown, silty, calcareous, firm. Siltstone, red brown, sandy, calcareous, hard.		
-	2614-2618 2618-2627.3 2627.3-2632	Shale, greenish gray to red brown, mottled, soft, with fractures with calcite. Shale, dark red brown, silty, calcareous, firm.	several ve	rtical
			0604	2640
		wn to gray, calcareous, firm with calcite. wn, silty, calcareous, firm with some Shale, gray rm.	2634 2640	2640 2650
	Sandstone, ligh	nt red brown, silty, very fine grained, friable, dirty me Shale, red brown, silty, firm.	2650	.2672
	2672-2679.8	Core #4 2672'-2685' Rec. 11' Sandstone, light gray, with streaks of light red brown, grained, calcareous, subangular grains, cross-bedded, howith some vertical fratures. Siltstone, gray, dark gray, to red brown, sandy, limey,	ard, tight	•
	2679.8-2683		nara.	
	· · · · · · · · · · · · · · · · · · ·	Core #5 2685'-2735' Rec. 50'		
	2685:2691.3	Sandstone, light gray, very fine grained, calcareous, s cross-bedded, hard, tight with few vertical fractures.		
	2691.3-2702.2 2702.2-2722	Shale, red brown to greenish gray, mottled, silty, calc Shale, greenish gray to medium gray, with few streaks o calcareous, hard.	f red brow	n,
	2722-2733	Shale, medium gray, calcareous, hard with light gray lo with some fractures with slickensides.	ose nodule	s,
	2733-2735	Shale Medium gray, silty, calcareous, hard.		

Page	6

Field Chalk Creek
Farm Chalk Creek

Sec. 6 T. 2N R 6E
Well No. Gov't. No. 6

Company Mountain Fuel Supply

F	ORMATION RECORD		·
purple, calcar	h gray to gray, with some streaks of red brown and eous, silty in part, hard.	2735 2750	2750 2760
Shale as above calcareous, ha	with some Sandstone, light gray, very fine grained,	2/30	2/00
Shale, dark gra	ay, slightly calcareous, soft; Sandstone, light gray ry fine grained, hard, tight, trace Siltstone, red-	2760	2780
	Sandstone with cherty appearance, calcareous, hard.	2780	2810
Shale as above	, some purple grains; some Sandstone as above, some ne grained, calcareous, hard, tight, some Siltstone	2810	2830
	Siltstone, variegated.	2830	2840
Shale as above	k brown, very sandy, calcareous, hard, firm; some; trace Sandstone, buff, very fine grained, calcareous	2840 •	2850
hard, tight. As above: Sand	stone as above; some brown, very fine grained.	2850	2860
	Sandstone as above.	2860	2900
Shale, dark gr	bove; Shale as above; trace Sandstone as above. ay, purple, some iron stained, soft; Siltstone rd, firm; Sandstone, light gray to brown, very	2900	2910
fine grained,	calcareous, argillaceous, hard, firm, trace lime- massive, crystalline.		
	Core #6 2921'-2951' Rec. 30'		
2921-2922 2922-2951	Shale, dark gray, very slightly calcareous, hard, firm Shale, dark red brown, variegated, calcareous, silty, upper part shattered, massive limestone filling, some lower part has some limestone inclusions.	hard, fi	irm, sides,
·	Core #7 2951'-2982' Rec. 29'		
2951-2956 2956-2960.7 2960.7-2971.7	Sandstone, light red brown, silty, very fine grained, subangular grains, hard, tight. Shale, dark red brown, silty, calcareous, hard. Sandstone, light gray, very fine grained, calcareous, with some thin streaks of Shale, gray, silty, calcare	hard, ti	ight
2971.7-2980	Sandstone, light gray, very fine grained, calcareous, cross-bedded, hard, tight, highly fractured, with some crystals.		
	Core #8 2982'-3026' Rec. 43'		
2982-2986.8	Sandstone, light gray, very fine grained to fine grain angular grains, hard, tight with irregular fractures, inclusions of Shale, medium gray, calcareous, firm.		
2986.8-2990	Shale, dark gray, calcareous, hard, with scattered grained sand, with light gray loose nodules.	ains of i	ine
2990-3007.2	Sandstone, light gray, very fine to fine grained, with grained, calcareous, subangular to angular grains, so bedding, hard, tight, with some inclusions of Shale, calcareous, firm.	me cross- dark gray	· 7,
3007.2-3007.8	Shale, dark gray, calcareous, hard, with scattered sawith light gray loose nodules.		3,
3007.8-3008.6	Sandstone, light gray, very fine to fine grained, calangular grains, hard, tight.		
3008.6-3009.6	Shale, dark gray, calcareous, hard with scattered sand with light gray loose nodules.		
3009.6-3013	Sandstone, light gray, very fine to fine grained, cal- angular to angular grains, hard, tight, with thin lam Shale, dark gray, calcareous, firm.	careous, inations	sub- of
3013-3020	Shale, gray, greenish gray, to light red brown, mottle hard with fractures, with slickensides.	ed, calca	areous,

Chalk Creek

Company Mountain Fuel Supply Well No. Gov't. No. 6

	FORMATION RECORD		
3020-3022.5	Sandstone, light gray, very fine to fine grain, calcar grains, hard, tight, with some inclusions of Shale, da calcareous, firm.		
3022.5-3023.8	Shale, dark gray, calcareous, firm, with scattered sar some fractures.	ıd grains	s, with
3023.8-3025	Sandstone, light gray, very fine to medium grained, catight, highly fractured with inclusions of Shale, dark firm.		
	Core #9 3026'-2063' Rec. 36'		
3026-3045.9 3045.9-3053.3	Sandstone, light gray to medium gray, very fine to fir some medium grained and coarse grain, calcareous, with bedded, subangular to angular grains, hard, with some some fractures, with inclusions of Shale, dark gray, of hard and inclusions of limestone, light gray, hard. Shale, dark red brown, silty, calcareous, hard.	n some cr porous, calcareou	ross- with us,
3053.3-3056.7	Sandstone, light red to gray, very fine grain, calcare	eous, har	rd, tight,
3056.7-3062	with few fractures. Sandstone, light brown, very fine to fine grain, calcawith some porous, highly fractured with abundant slick		
	Core #10 3063'-3079' Rec. 16'		
3063-3079	Sandstone, light gray, very fine grain, calcareous, wibedding, hard, tight, with some fractures, with thin Shale, dark gray, calcareous, hard.		
	t gray, very fine to fine grain, calcareous, hard,	3079	3100
	nor interbedded Shale, red gray, calcareous, hard. bove with increase of Shale as above.	3100	3110
	ht gray to light red brown, silty, very fine grain,	3110	3150
	rd, tight, with some interbedded Shale, red brown to	3110	3130
Shale, red bro	wn, silty, calcareous, firm, with some Sandstone, ry fine grain, calcareous, hard, tight.	3150	3160
Shale as above		3160	3170
	urple to light gray, calcareous, firm, with some	3170	3190
	ht gray, very fine grain, calcareous, hard, tight.	0100	2010
	wn, silty, calcareous, firm.	3190	3210
	with minor amounts of Sandstone, light gray to	3210	3240
<u> </u>	n, silty, very fine grain, calcareous, hard, tight.	3240	3250
	wn, silty, calcareous, hard.	3250	3270
	with some Sandstone, light gray, light red brown ne grain, calcareous, hard, tight.	, 3230	3270
2 .	, with increase of Sandstone as above.	3270	3280
•	ht gray, light red brown, silty, very fine grain,	3280	3290
	rd, tight; with Shale, dark red brown to medium	, 3200	. 5276
	gray, light purple, calcareous, firm, with sand-	3290	3300
Shale, light g amounts of Sar	ray, light purple, calcareous, hard, with minor dstone, light gray, silty, very fine grain, calcareous, ith calcite crystals.	3300	3320
	wn, silty, sandy, calcareous, hard.	3320	3330

Core #11 3330'-3382' Rec. 52'

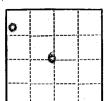
3330-3346.5	Shale, red, argillaceous, calcareous, hard, firm.
3346.5-3355	Sandstone, gray white, fine to medium grain, calcareous, argillaceous,
	hard, tight.
3355-3360	Shale, dark gray, calcareous, some slickensides, fractures, soft.
3360-3365	Shale, mottled red gray, silty, calcareous, hard, firm.

Sec. 6 T. 2N Well No. Gov't. No. 6

Chalk Creek Farm

Company Mountain Fuel Supply

 ·							
F	ORMATION RECORD						
3365-3380	Sandstone, light red brown, very fine to fine grain, of fractured, hard.	alcareou	s, silty	,			
3380-3382	Sandstone, light gray to white, very fine grain, argil careous, hard, tight.	laceous,	cal-				
	Core #12 3382'-3434' Rec. 52'						
3382-3386.7	Sandstone, white to light gray, very fine grain, calca charoidal apparent, hard, tight.	reous, s	ac -				
3386.7-3408	Shale, red brown, calcareous, some loose nodules scatt firm.	ered, ha	rd,				
3408-3411	Sandstone, brown gray, very fine grain, calcareous, que hard, tight, some vertical fractures.	artzitic	, r e				
3411-3421	Shale, mottled blue and red, calcareous, possible foss contorted, scattered limestone chips, soft.	siliferou	is.,				
3421-3434	Shale, red brown, calcareous, silty, hard, firm.						
	Core #13 3434'-3486' Rec. 52'	*					
3434-3439.3	Sandstone, red brown, silty, very fine grain, calcared hard, tight, slightly fractured.	ous, quar	tzitic,				
3439.3-3470.5	Shale, dark red brown, silty, calcareous, hard, with inodules.						
3470.5-3471.7 3471.7-3480	Sandstone, light brown, silty, very fine grain, calcar Shale, dark red brown, silty, calcareous, hard.			t.			
3480-3486 Sandstone, light gray to medium gray, very fine to medium grain, calcareous, cross-bedded, sub-rounded grains, hard, tight, highly fractured.							
	Core #14 3486'-3519' Rec. 33'	. *					
3486-3500 3500 - 3519	Shale, dark red brown to dark gray, mottled, silty, cashale, dark red brown, silty, calcareous, hard with 1 nodules.	alcareous ight gray	, hard. loose				
	ray with streaks of red brown and light purple, cal- with some calcite.	3519	3520				
Shale, red bro	wn to medium gray, mottled, calcareous, silty, firm.	3520	3540				
Shale as above	, with some Sandstone, light gray to light red brown, ne grain, calcareous, hard, tight.	3540	3580				
Shale as above	, with increase to Sandstone as above.	3580	3598				



(SUBMIT IN TRIPLICATE)

UNITED STATES **DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY**

Land O	fice Selt Lake Cit ;
	MANAGE

Unit Chalk Creek Gas Storage Project

NOTICE OF INTENTION TO DRILL	·	SUBSEQUENT REI	PORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS			PORT OF SHOOTING OR ACIDIZING	ı
NOTICE OF INTENTION TO TEST WATER SI	HUT-OFF	SUBSEQUENT REF	PORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR R	REPAIR WELL	SUBSEQUENT REF	ORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACI	DIZE	SUBSEQUENT REF	PORT OF ABANDONMENT	-
NOTICE OF INTENTION TO PULL OR ALTER	R CASING	SUPPLEMENTARY	WELL HISTORY	ZX
NOTICE OF INTENTION TO ABANDON WELL	L			
(INDICATE AE	BOVE BY CHECK MARK N	ATURE OF REPORT, NO	OTICE, OR OTHER DATA)	
Chalk Creek Gas Storage	;	Jewie	27 3	, 19 63
Jovernment Well No. 6		(2. T)		
ell No. <u>6</u> is located	1100 ft. from	$\begin{bmatrix} \mathbf{N} \\ \bullet \end{bmatrix}$ line and 6	$\frac{1}{2}$ ft. from $\frac{2}{3}$ line	of sec. 6
	*	(A.S.)		
64 N 80 80 0 (1/2 Sec. and Sec. No.)	(Twp.) (I	Range)	S. L. M. (Meridian)	
Chalk Creek Gas Storage			Utah	
(Field)	(County or	Subdivision)	(State or Territor	у)
	DETAIL	s of work	s of proposed casings; indicate m	udding jobs, cemen
The elevation of the derrick floor	DETAIL ective sands; show sizes ing points, and all oth	S OF WORK	. What was a second	udding jobs, cemen
State names of and expected depths to object the depth 3599', well commany 2, 1963. ST 49: Straddle packer of a bour, no blow on in urface. Tester plugged est failed. Recovered 1 of P not recorded, tool p	DETAIL ective sands; show sizes ing points, and all oth completed in to test 3260'-34 sitial opening above top cha- 960' muddy fr lugged, FOFF sand, IO 20 m ov on initial and. ISIP 10	S OF WORK , weights, and length her important propose he storage of 10', 8 sand, , strong blo rt during in esh water. 110-810 psi, inutes, 181 opening, des pei, 182 176	r "S" send. Rig r 10 ½ hour, ISI ½ ! w during final open itial opening, bot ISIP 1110 psi, IHP FSIP 1110 psi, FE 20 minutes, FO 20 : d in 10 minutes; ne	bour, FO haing, no gatom packer 1650 pai, P 1650 psi. Binutes, FS
itate names of and expected depths to object that depth 3599', well converged and proceed and the second section of the second s	DETAIL ective sands; show sizes ing points, and all ot completed in t test 3260'-34 sitial opening above top cha 960' muddy fr lugged, FOFF sand, TO 20 m w on initial ad. ISIP 10 THF 1760 pei.	S OF WORK, weights, and length her important propose the storage of 10', 8 send, strong bloom the during in each water. 110-810 psi, inutes, ISI opening, despet, IHP 176 (over)	r "S" send. Rig r 10 ½ hour, ISI ½ ; w during final open itial opening, bot: ISIP 1110 psi, IHP FSIP 1110 psi, FE 20 minutes, FO 20 ; d in 10 minutes; no 5 psi, IOFP 10-10 ;	bour, FO 2 ping, no ga tom packer 1650 pai, P 1650 psi. Binutes, FS D blow on f pei, FOFP
tal depth 3599, well can array 2, 1963. E 69: Straddle packer if hour, no blow on in arrace. Tester plugged sat failed. Recovered 197P not recorded, tool p. F. 10: 3511'-3599', S. minutes, very weak blowening. Recovered 20' m. I understand that this plan of work mu	DETAIL ective sands; show sizes ing points, and all of completed in t test 3260'-34 sitial opening above top che 960' muday fr lugged, FOFP sand, IO 20 m w on initial and. ISIP 10 THE 1760 psi.	S OF WORK, weights, and length her important propose the storage of the storage o	r "S" send. Rig r 10 ½ hour, ISI ½ ; w during final open itial opening, bot: ISIP 1110 psi, IHP FSIP 1110 psi, FE 20 minutes, FO 20 ; d in 10 minutes; no 5 psi, IOFP 10-10 ;	bour, FO 2 ping, no ga tom packer 1650 pai, P 1650 psi. Binutes, FS D blow on f pei, FOFP
State names of and expected depths to object the depth 3599, well conversed. Straddle packer of a hour, no blow on in inface. Tester plugged est failed. Recovered 1 of not recorded, tool page 10: 3511'-3599', 3 minutes, very weak blowening. Recovered 20' more of pai, FSIP 10 pa	DETAIL ective sands; show sizes ing points, and all of completed in to test 3260'-34 stitial opening above top che 360' muday fr lugged, FOFP sand, IO 20 m w on initial ad. ISIP 10 THE 1760 pei.	S OF WORK , weights, and length her important propose he storage of 10', 8 sand, , strong blo rt during in esh water. 110-810 psi, inutes, 181 opening, des psi, 1HP 176 (over) , riting by the Geologi	TO hour, ISI hour, ISI how during final opening, bot ISIP 1110 psi, IHP FSIP 1110 psi, FE 20 minutes, FO 20 d in 10 minutes; psi, IOFP 10-10 psi, IOFP 10-10	bour, PO being, no gatom packer 1650 psi, P 1650 psi, Binutes, PS blow on fipal, POFP
tal depth 3599, well converged to a servery 2, 1963. The straddle packer of hour, no blow on in inface. Tester plugged at failed. Recovered 197 not recorded, tool por 1981 10: 3511'-3599', 30 minutes, very weak blowning. Recovered 20' minutes, respectively. The pair of	DETAIL ective sands; show sizes ing points, and all oth completed in to test 3260'-34 stital opening above top che 960' muddy fr lugged, FOFP sand, IO 20 m w on initial and. ISIP 10 THE 1760 psi. streceive approval in w	S OF WORK , weights, and length her important propose he storage of 10', 8 sand, , strong blo rt during in esh water. 110-810 psi, inutes, 181 opening, des psi, 1HP 176 (over) , riting by the Geologi	r "S" send. Rig r 10 ½ hour, ISI ½ ; w during final open itial opening, bot: ISIP 1110 psi, IHP FSIP 1110 psi, FE 20 minutes, FO 20 ; d in 10 minutes; no 5 psi, IOFP 10-10 ;	bour, PO being, no gatom packer 1650 psi, P 1650 psi, Binutes, PS blow on fipal, POFP

GP3 914974

At total depth of 3599', ran a production string of 7" OD, 20%, 5red the J-55 STMC casing, measuring 3250.03' net, 3277.33' gross. The casing was landed at 3258.12' KBN and comented with 375 sacks regular coment. A Balco 7" formation packets shoe was run in the casing string.

THE REPORT OF THE PROPERTY.

THE STATE OF A THE WILLIAM SERVICE SERVICE OF A STATE O

Lane Wells temperature survey and Cemoton log indicated top of cement behind 7" casing at 2624', KBM. Pressure tested casing and BOP to 1200 psi for 15 minutes; pressure test held good.

Drilled out 6' of cement and plug and cleaned out to bottom. No tubing was

Rigged up swabbing unit and swabbed well for 10 hours 46 minutes, swabbing from a depth of 1070'. During this period, the well swabbed at an average rate of 650 barrels of water per day. The static flaid level remained relatively constant at about 954' KBM.

Rig released January 2, 1963.

EBET & NAL

Form coved. Budger Sureau No. 42-R355.4.

Form	9-38	60			-	
0			6			

U. S. LAND OFFICE Salt Lake City SERIAL NUMBER 070555 LEASE OR PERMIT TO PROSPECT

Chalk Creak Gas Storage UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

No. 2, from to No. 5, from to No. 6, from to No. 3, from to No. 6, from to IMPORTANT WATER SANDS No. 1, from 3258 to 3599 (open No. 3, from to No. 2, from to No. 4, from to No. 4, from to CASING RECORD Size Weight Threads per inch Make Amount Kind of shoe Cut and pulled from From To Purpose casing per foot linch Make Amount Kind of shoe Cut and pulled from From To Purpose Target and the state of the sta	No. 3, from	No. 3, from	No. 3, from to No. 6, from to	No. 3, from to No. 6, from to No. 1, from3258
IMPORTANT WATER SANDS No. 1, from3258	IMPORTANT WATER SANDS No. 1, from3258	IMPORTANT WATER SANDS No. 1, from3258	IMPORTANT WATER SANDS No. 1, from3258 to3599 (open No. 3, from to	IMPORTANT WATER SANDS No. 1, from3258 to3599_ (open hole) No. 3, from to to to
Size Weight Threads per Make Amount Kind of shoe Cut and pulled from From To-	Size Weight Threads per Make Amount Kind of shoe Cut and pulled from From To-	Size Weight Threads per Make Amount Kind of shoe Cut and pulled from From To-		
The the regions for the well, and consider the property of the parties of managed and it is the well, and the parties are not the parties of	The state of the s		Size Weight Threads per Make Amount Kind of shee Cut and pulled from From To— Purpose	Size Weight Threads per Make Amount Kind of shee Cut and pulled from From— To— Purpose
THE PROPERTY OF THE PROPERTY O	Title the regons for our green and general section of the resident of the resi	Title the resons tor occuper and schools is 18.146.3 For the College and translated at the banks of redmining 1080 they are 1060 they are 1060 to 1060	The state of the s	10-3/4. 35/125 or 18 mare a string test about the string of institution, provided and results of paining.
No the string greatest importance to have a complete history of the well. Please state in detail the datas of wedrilling nogether	Lift the respons to payerk and chartes a complete history of the well. Flease state to de all the dates of redri ling, together the respons to payerk and generals. 35.12-3 for the response to the well, a state of the well as the well	with the greatest importance to have a complete history of the well. Please state in detail the dates of redriging, together will the regens for obliging and it are esting \$150. 10-3/4. States to Briggs were appropries. If the well has been dynamited, give date, neer youther and number to the state of a number of the state of the state of a number of the state of a number of the state of the s	The state of the s	10-3/4 35/125 or States were about the same of the land of the training of parties and results of parties and results of parties.
HO EMPINE Presest impertance to have a complete history of the well. Please state in deal the detection of the delication of the well.	HO FIGURE greatest importance to have a complete history of the well. Please state in do all the day of a doublest and a large a complete history of the well.	wife evine greatest imperiance to have a complete higher of the wall. Please stote in doubling double despise a complete higher of the wall.	Title till "Sons for order k and gound is 18 Met 3 ver deliged at 19 met at 18 best der de la tille base of 19 met and it september 18 met at 18 m	Till the reggins for gaugek and grandis, is 11er3 for despectation to beserve 14 are 100 and it and sentime 100 other
	MO SOUTHER CHILDREN OF OIL ON CAS WELL.		The greatest importance to have a complete history of the well. Flease state in de all the dates of redriling, together unit in regions for openyrk and generals. He less yet and the responsion of the well, generals. He less well, generals and it are together and less than the well, generals and tenders. It has been drammited, give date, nich, weither and tenders.	The greatest importance to have a complete history of the well. Figures state in de ail the dates of redriging, together that the respons to a progress of parents of the greatest the same way and it as to reduce was the contract of the co

2-3/4	316.5		35		ispl	acemei	at		31.4 bbls.water
160 4 W	3258.1		75	1	1	i			120 bbls. mud
**************************************	nriig.				l		į		
		<u> </u>		PLUG	S AN	D AD	APTE	RS	
Heavi	ng plug-	Materia	al		Ler	gth		D	epth set
\mathbf{Adapt}	ers—Ma	terial		-	. Siz	e			
			<u></u>	SHO	OOTI	VG RE	CORI)	
Size	e s	shell used	Exp	plosive used	Qua	ntity	Date	Depth shot	Depth cleaned out
×		 						-	
									
Rotom	r tools w	ore used	from 0	i contract of the contract of		S USI		and from	foot to
				:		1			feet to
able	tools wer	e usea ir	om	Ieei		ATES	1ee	, and from	feet to
Term	110 my 2			1062	D.	}	to pro	ducina	10
		Í	•			1			rt 1n. , 19.
						D8	trreis (•
	-		•	-% sediment.		~ 11		• ,	
	_	ĺ				Gallo	ns gas	oline per 1,000	cu. ft. of gas
	_	1		n					
			Company	, Driller		LOYE		TO TO TEXASIA	rire , Dr
				Driller					•
		LOTTer	,			ONI IDI			, Dr
						ON R	ECOR		
	OM	4	-07	TOTAL FEI				FORM	IATION
		the Ke							ge or "S" sand of ery of 680 barrels o
		See at	tached f	ormation r	ecor	1.			
		(0) -7							
		(%) 67	ectric 1	ogs enclos	ea.				
		ar de la companya de							
	,								
	!								
		-							
	ļ	ļ			İ				
				li	1				
		and the second second second							
	,	And the second s				mana di Appropriate para di Appropriate di Appropri			
		PARAMETERS OF THE PARAMETERS O			makeny ng eritorida erakus eneggistesigilikisiba.	non de compression de la compression della compr			
		AND THE PROPERTY OF THE PROPER				nor a propriet un establica de la companya de la co			
g coppositional description of			,						PW K KO-*4

COMPLETION REPORT

Operator: Mountain Fuel Supply Company

Well: Government Well No. 6 Area: Chalk Creek Gas Storage

Locacion: 1100 Feet FNL; 81 Feet FWL, Sec. 6, T. 2 N., R. 6 E., Summit County, Utah

Elevation: 7090' Ground; 7101' Kelly Bushing

Drilling Commenced: November 2, 1962 Drilling Completed: December 27, 1962

Rig Released: January 2, 1963

Total Depth: 3600'

Tops:

 Kelvin
 Surface

 S2 Zone
 2507'

 S1 Zone
 2966'

 S zone
 3260'

Casing: 10" @ 316.55' KBM with 185 sacks

7" @ 3258.12' KBM with 375 sacks

Productivity: Swabbed at the rate of 680 barrels of fresh water per day. Water level is at approximately 954'

Remarks: Cored intervals are: 2257'-2361', 2602'-2634', 2672'-2735', 2921'-3079',

3330'-3519'.

This well is an observation well and may be used as a water withdrawl well. Water production is from the S zone and probably from the interval 3260'-3300'.

DRILL STEM TESTS

No.	Interval	First Flow	Initial . Shut In	Second Flow	Final Shut In	Remarks
1	1850-2049	Misrun				
2	1840-2049	73-272 (7)	366 (30)	270-366 (60)	366 (60)	650' wcm
3	2250-2418	28-179 (7)	546 (30)	179-519 (60)	543 (60)	1250' mcw
4	2540-2418		665 (30)	_,,	685 (60)	1494' mw
5	2970-3110	Plugged				
6		Misrun				
7	2995-3110	366-777 (30)	884 (30)	730-885 (40)	885 (40)	2000' mw
8	3351-3519	45-95 (30)	1055 (30)	95-115 (30)	1055 (30)	240' m
9	3260-3519	Plugged (30)	1110 (30)	110-810 (30)	. 1010 (30)	1960' mw. Straddle
		,	•			test with bottom packer failed @ 3410'
10	3511-3599	10-10 (20)	10 (20)	10-10 (20)	10 (20)	20' m

VBG/ew 1/4/63

3	4	age of	Mary 1	T_{M}	6 B	200	***			3.2	10	dicho	100	h.	de.				1.4		į
e.	2	1	9 .5	e de la	3		200	349	100	200							-1,12		_}	13	
Š.		17	1		10.11	4						47.4				ing."	9.9	É	237		
3	•	1	936	(41)	130		3.99			160		223	1				4	A	6		
٩	*	100	160	10.3	40	30	188		733	50	150.00		16 6 1	44.5				7.3	***	1	
	- 20		X	10.45	10	. T.			200			· 7	7.0	- 4	. 0	, i	911	9	1.5.34	6.美丽。	

	UNITE	D \$	TATE	15
DEPART	MENT	OF	THE	INTERIOR
đ	EOLOG	ICAL	SURV	/EY

	Approved August 13-91-00
LAND	OFFICE
	NUMBER
UNIT	

LESSEE'S MONTHLY REPORT OF OPERATIONS

Shate			-	Cos	nty	m44	Field	<i>l</i>	halk Gra	
										drilling and producing
										JEL SUPPLY COMPANY
***********					LAKE CITY, UT.	АH	Sign	ed	J. K	· neely
Phone	······			·····	328-8315	·····	Age	nt's title [DIVISIONA	L CHIEF ACCOUNTANT
SEC. AND	TWP.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. Pr. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down cause; date and result of test for gasoline content of gas)
**************************************	2			lle.						
	2	•	5							Speided 9/34/42 Smploted 9/25/62 Depth 1652'
6	2	•	•							Spedded 11/2/42 Completed 1/5/68 Repth 2500'
			4	1						
***	2	•	7-1							Applicated 1/10/00 Completed 16/30/00 Daylo 2/00
	-				-				Spain a	Also are hashed up
										wige eyelike at the
						-				
· ·							·	·		
				en Samuel and Samuel	****					

runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in during the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329

			.5
-	B	NA	42 D 444 4
puuri	Duresu	MU.	42- R356.5.
A	al armin	- 17_	21

LAND OFFICE	Salt Lake	; ;
	·	
UNIT Cha	lk Creek	
	s Storage	

LESSEE'S MONTHLY REPORT OF OPERATIONS

		wells) f	or the	e mon ess	sth of	P. t Lak	MAY 196 O. Box 113 e City, Ut	68 68 ah 841	., 19, Cor	npany MC	DUNTAIN FI	JEL SUPPLY COM	PANY
		BEC. AND % OF 1/4		RANGE		DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. Fr. ov Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down date and result of test for gases)	B rause
			GC	VERN	MENT	WELLS	5						
NW,	SE	6		6E	5				•			Observation V	Vell
NW,	NW	6	2N	6E	6							Drilled to St	torage
								-					· ·
											Above we storage	lls not hooked system	l up w
													* *
												e e e e e e e e e e e e e e e e e e e	
									-				
											·		
													1
		:					÷	-					

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-839 (January 1950)

B	udget	Bureau	No.	42-R356.6	١.
A	DDM	al axinin	= 12-	-31-40.	

LAND OFFIC	Salt Lake
LEASE NUM	KR
UNITC	halk Creek
G	as Storage

LESSEE'S MONTHLY REPORT OF OPERATIONS

		Agent's	addi	re ss	Sal	P. lt Lak	0. Box 113 e City, Ut	68 ah 84	l 11 Sig	mpany MC	DUNTAIN FI	uel supply company unahey al chief accountant
		SEC. AND	TWP.	RANGE	WELL No.	DATS PROSUCED	Barrels of Oil	GRAVITY	Cu. Fr. or Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down cause date and result of test for gasoline sentent of gas)
			GC	VERN	MENT	WELLS	<u> </u>					
W,	SE	6	2N	6E	5							Observation Well
₩,	NW	6	2N	6E	6							Drilled to Storage Sand
							·				Above we storage	lls not hooked up w
							,					
							i karan	Tack Pack	ing San San San San Karaban San San San Kacaban San San San Kacaban San	Verigi Verigi	szcze eus 1 Targilia	sera i i i i i i i i i i i i i i i i i i i

Nork.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 8-828 (January 1950)

Budge	Bureau	No. 42	- R356.5.
	rel expir		

LAND OFFICE .	Salt Lake
LEASE NUMBE	N
UNIT Ch	alk Creek
Ga	s Storage

LESSEE'S MONTHLY REPORT OF OPERATIONS

		wells) f Agent's Phone	addi	·ess	S al	P. (t Lake	e City, Ut	a h 841	Sig	mpany	Mu	uel supply company hey AL CHREF ACCOUNTANT
		SEC. AND	T	RANGE		DATS PRODUCED		GRAVITY	Cv. Fr. or Gas (In thousands)	GALLONS OF GAROLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down cause date and result of test for pasoline executes of grad)
			GC	VERN	MENT	WELLS	3					
NW,	SE	6	2N	6E	5					:		Observation Well
NW,	NW	6	2N	6E	6					· · · · · · · · · · · · · · · · · · ·		Drilled to Storage Sand
											Above we	lls not hooked up w system
									:			
										-		
							·					
		;										

runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-829 (January 1950)

Budget	Bureau	No.	42-R	356.5.
ADDOV				

LAND OFFICE	Salt Lake
LEASE NUMBE	R
	alk Creek
Ga	s Storage

18-28786-8 U.S. GOVERNMENT PRINT NO OFFICE /

LESSEE'S MONTHLY REPORT OF OPERATIONS

		State	Uta	ıh	•	Ca	ountyS	ummit	F	ield C	halk Cree	ek .	
		~ (,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0, 0,0		v.,,		• • • • • • • • • • • • • • • • • • •	· · · · · · · · · · · · · · · · · · ·	., 10,				
						t Lak	e City, Ut	ah 841	11 Si	gned 0	Mu	uel supply company	
		Phone.				3	28-8315			Agent's title DIVISIONAL CHIEF ACCOUNTANT			
		SEC. AND	TWP.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	Cu. Fr. of Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	(If drilling, depth; if shut down, cause date and result of sect for gasoline content of gas	
			GC	VERN	MENT	WELLS	<u> </u>						
NW,	SE	6	2N	6E	5		·			i		Observation Well	
NW,	NW	6	2N	6E	6							Drilled to Storage Sand	
								-					
											Above we storage	lls not hooked up was	
		į											
		; ! 							<i>r</i> -				

runs or sales of gasoline during the month. (Write 'no' where applicable.) Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor. Form 9-829 (January 1950)

Budget	Bureau	No. 42	-R356.5.
Approv	al expire	s 12-31	-6 0,

LAND OFFICE .	Salt L	ake	
LEASE NUMBER	·		
		ek	
Gas	Stora	ge	

18-26706-6 U.S. GOVERNMENT PRINT NO OFFICE

LESSEE'S MONTHLY REPORT OF OPERATIONS

		wells) for the month of SEP 1968 1968 1968 Agent's address P. O. Box 11368 Company Salt Lake City, Utah 84111 Signed										OUNTAIN FUEL SUPPLY COMPANY			
		Phone . SEC. AND % OF %		RANGE	WELL	DATE PROPUSED	BARRELS OF OIL	i	Cu. Fr. or Gas	GALLONS OF GASOLINE	DIVISION BARRELS OF WATER (II	REMARKS (If drilling, depth; if shut down, cause			
									(In thousands)	RECOVERED	none, so state)	date and result of test for gasoline sometant of gas)			
			GC	VERN	MENT	WELLS	<u>S</u>								
₩,	SE	6	2N	6E	5					; ·		Observation Well			
NW,	NW	6	2N	6E	6							Drilled to Storage Sand			
											Above we storage	lls not hooked up w system			
		:													
											·				
									, i						

runs or sales of gasoline during the month. (Write "no" where applicable.) Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor. Form 9-829 (January 1950)

Budget	Bureau	No.	42-R356.5.
	al amin		

LAND O	FFICE	Salt	Lak	e	
LEASE	NUMBER .				
				14	
	Gas	Sto	rage		

LESSEE'S MONTHLY REPORT OF OPERATIONS

	Age	nt's	addı	·ess	Sal	P. t Lak	0. Box 113 e City, Ut	68 ah 84]	Con Sig	npany MO	OUNTAIN F	Jel SUPPLY COMPANY John AE CHIEF ACCOUNTANT
	8 E.C. 34 OI			RANGE		DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. Fr. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, dopth; if shut down, cause date and result of test for gasoline content of gas)
			GC	VERN	MENT	WELLS	5		-			
, SE	6		2N	6E	5							Observation Well
V, NW	6		2N	6E	6							Drilled to Storage Sand
											Above we storage	lls not hooked up w
							٠.					
												:

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-829 (January 1950)

18-26706-6 U.S. GOVERNMENT PRINT NO OFFICE /

Budget	Bureau	No.	2- R356.5.
ADDEDV	al armir	ma 12-2	11-60.

LAND OFFICE .	Salt	Lake	 	
LEASE NUMBER			 	
Unit Cha				
Gas	Sto	rage		

18-26766-6 U.S. GOVERNMENT PRINT NO OFFICE

LESSEE'S MONTHLY REPORT OF OPERATIONS

01	ne.				S a 1	t Lake	O. Box 11368 Company MOUNTAIN FUEL SUPPLY COMP. e City, Utah 84111 Signed DIVISIONAL CHIEF ACCOUNT Agent's title DIVISIONAL CHIEF ACCOUNT							
07	AND	Twi		RANGE	WELL No.	DAYS PRODUCED	Barrels of Oil	GRAVITY	Cu. Fr. or Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depts; if shus down cause data and result of test for genoline content of gas)		
		<u> </u>	g	VERN	MENT	WELLS	<u>3</u>							
		2N		6E	5							Observation Well		
		2N	1	6E	6							Drilled to Storage		
		i												
							·				Above we storage	lls not hooked up w system		
						;								
									·					
									·					
-	;													

runs or sales of gasoline during the month. (Write 'no' where applicable.) Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor. Form 9-829 (January 1950)

Budget	Bureau	No.	42-R356.5.
ADDED	al azmire	s 12~	31-60:

LAND OFFICE .	Salt Lake	-•••
LEASE NUMBER	R	
	alk Creek	
Gas	s Storage	

18-28700-8 U.S. GOVERNMENT PRINT NO OFFICE

LESSEE'S MONTHLY REPORT OF OPERATIONS

		Agent's			mur	UNTAIN FUEL SUPPLY COMPANY OVER THE SUPPLY COMPANY DIVISIONAL CHIEF ACCOUNTANT					
		SEC. AND	T	RANGE	,	DAYS PRODUCED	Barbels of Oil	 G	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down rause date and result of test for gasoline sentent of gas)
			GC	VERN	MENT	WELLS	3				
₩,	SE	6	2N	6E	5						Observation Well
₩,	NW	6	2N	6E	6						Drilled to Stora Sand
											•
						·				Above we storage	lls not hooked up system
								:			
				-							
		;									

runs or sales of gasoline during the month. (Write 'no' where applicable.) Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor. Form 9-829 (January 1950)

Budget	Bureau	No. 42	-R356.5.
ADDEOV	al estrice	■ 12-31	-6 0.

	• •
LAND OFFICE	Salt Lake
LEASE NUMBER	·
UNIT Cha	alk Creek
Gas	s Storage

LESSEE'S MONTHLY REPORT OF OPERATIONS

		* * * * * * * * * * * * * * * * * * *		S a l	t Lak	e City, Ut	a h 84.	lll Sig	ned	> Mu	UEL SUPPLY COMPANY Abley AL CHIEF ACCOUNTANT
	SEC. AN	7	RANGE	, Wasa	DAYS PROBUGED	Barrels of Oil	GRAVITY	Cu. Fr. ov Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down cause date and result of test for gasoline seatont of gas)
		G	VERN	MENT	WELLS	3					
, si	6	2N	6E	5	:	·					Observation Well
, N	6	2N	6E	6					-		Drilled to Storag Sand
										Above we	lls not hooked up
										storage	system
] 						
		!									
		į									•

runs or sales of gasoline during the month. (Write "no" where applicable.) Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor. Form 9-829 (January 1950)

16-25766-8

	V	
TO OTO	1	

LAMB (Salt Lake
LEASE NO	Maria
UNIT	Chalk Creek
	Gas Storago

LESSEE'S MONTHLY REPORT OF OPERATIONS

		S	alt.	Lake_C	ity, Utah	8411	1 Sig	ned) - JM	FUEL SUPPLY COMPA			
Phone			3	28-831	5			Agent's title CHIEF ACCOUNTANT					
SEC. AND	TWP.	RANGE	WELL, No.	DATS Passuces	BARRELS OF OIL	GRAVITY	CU. Fr. or Gas (In thousands)	GALLOWS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (H drilling, depth; K shus down, souss: date and result of each for genetice context of 1900)			
	GC	VERN	ÆNT	WELLS									
, SE 6	2N	6E	5							Observation Well			
, NW 6	2N	6E	6							Drilled to Storag Sand			
			-							lls not hooked up rage system			
				÷									
			-										
								-					

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-839

(January 1960)

NOV 26 1975 DIVISION OF OIL, GAS, & MINING

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

	Approval expires 12-31-60.	
LAND OFFI	cr Salt Lake	
LEASE NUI	MBER	
liner	Chalk Creek	
O.W	Gas Storage	

Budget Bureau No. 42-R356.5.

LESSEE'S	MONTHLY	REPORT	OF	OPERATIONS
			<u> </u>	

						COMPANY MOUNTAIN FUEL S CITY, UTAH 84139 Signed Translation Agent's title CHIEF ACCOUNTAN					
SEC. AND	Twr.	RANGE	WELL No.	DATS PRODUCED	Barbels of Oil	GRAVITY	Cu. Fr. or Gas (In thousands)	Gallons of Gasoline Recovered	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)	
	GOV	ERNM	en t i	ŒLLS							
SE 6	SM	6E	5		-		·			Observation Well	
NW 6	2N	6E	6					V		Drilled to Storag Sand	
										ells not hooked up rage system	
							·				
										+ 7	

runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Note.—There were _____ me cu. ft. of gas sold;



	Approval expires 12-81-60.	_
LUID OFFICE	Salt Lake	_
LEASE NUMBER		_
UNIT	Chalk Creek	
	Gas Storage	_

7	700770	* * * * * * * * * * * * * * * * * * *				
	H		11 July 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Annn	
В	M # # M M M M M					
₽	AN. 46 JE/JE 49 A & 3	1 W D L	2 % 4 . H & F & X			
		MONTHLY		~.		

			SAL	T LAK	E CITY, UTA	AH 8	4139 Sig	ned ==	2. Mu	N FUEL SUPPLY COMP
		1 2	328	DATE			Age	GALLONS OF	CHIEF A	REMARKS
Sec. and 4 of 4	TWP.	RANGE	No.	PRODUCED	BARBELS OF OIL	GRAVITY	Cu. Fr. of Gas (In thousands)	GASOLINE RECOVERED	WATES (II none, so state)	(If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
	GOV.	ERMM	ent i	ELLS						
SF 6	SM	6E	5							Observation Well
MM 6	5 <i>M</i>	6E	6							Drilled to Storag
	ı						·			
						21				ells not hooked up rage system
							:			
		-				·				
	The state of the s		And the state of t							

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329 (January 1950)



LAND OFFICE	5alt	Lake	
LEASE NUMB	chal	k Greek	
UNIT		Storage	

•	1/1/4-	And the second of the second o	engele et alle et le comme de la comme de la comme de la comme de la comme de la comme de la comme de la comme	 OFFICE A PROPERTY OF THE PARTY
		BACK BANNARY WY	DEDODT	OPERATIONS
4	CCCCDNC		KEFURI	OI LIVA II O
- 8				

			CAT	of JAN 1976 19 MOUNTAIN FUEL SUPP O. BOX 11368 Company MOUNTAIN FUEL SUPP ALT LAKE CITY, UTAH 84139 Signed Discharge CHIEF ACCOUNTANT Agent's title CHIEF ACCOUNTANT REMARE							
SEC. AND		RANGE	WELL No.	DAYS Produced	BARRELS OF OIL		Cu. Fr. or Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRES OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down cause date and result of test for gasoline content of gas)	
	<u> </u>	- Sviwl		ELLS						Observation Well	
SF: 6	2M 2M	6E 6E	5							Drilled to Stora	
										Sand	
										ells not hooked u	
										·	
						-					
							-				

Note.—There were runs or sales of oil; runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the upervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329 (January 1950)

18-25768-8 U. S. GOVERNMENT PRINTING OFFICE

	Budget Bureau No. 42-R356.5.
LAND OFFICE	Salt Lake
LEASE NUMBE	R
	Chalk Creek
	Gas Storage

LESSEE'S MONTHLY REPORT OF OPERATIONS

					AG	LT LAX	TE CTIA D	FUEL SUPPLY COMPAN CHECKER GENERAL ACCOUNTING				
		AND F 1/4	1	RANGE	WELL No.	DAYS PRODUCED	Barrels of Oil	GRAVITY	Cu. Fr. or Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (II	REMARKS (If drilling, depth; if shut down cause)
			GOVI	RNME	NT W	ELLS				BECOVERED	none, so state)	date and result of test for sesoline content of gas)
NW	SE	6	SN	6E	5						<u> </u> 	Observation Well
NW	NW	6	SN	6E	6							Drilled to Storag
							ı					
											Above we with sto	:11s not hooked up rage system
									,			
					30.7							· · · · · · · · · · · · · · · · · · ·

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

(January 1950)

Form a	pproved			
Budget	Bureau	No.	42-R356.	5

AND OFFICE	Salt Lake
LEASE NUMBE	R
UNIT	Chalk Creek
	Gas Storage

BESSEE'S MONTHLY REPORT OF OPERATIONS

Conf

ı.					SA:	LT LAK	E CITY, UI	AH 8		Signed 3 Yourshey Agent's title MANAGER GENERAL ACCOUNTING				
Ξ	8 nc.	and K	Twr.	RANGE	WELL No.	DAYS PRODUCED	Barrels of Oil	GRAVITY	Cv. Fr. of Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth: if shut down, cause; date and result of test for gasoline contant of gas)		
			GOVI	RNME	NT W	ELLS								
W	SE	6	2N	6E	5							Observation Well		
W	NW	6	2N	6E	6							Drilled to Storag Sand		
											1	ells not hooked up orage system		

Note.—There were ______ runs or sales of oil; ______ M cu. ft. of gas sold; ______ runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

	budget Bureau No. 42	- K3 56.5.
OFFICE	Salt Lake	
EASE NUMBER		
NET	Chalk Creek	<u>.</u>
	Gas Storage	

Form approved.

LESSEE'S MONTHLY REPORT OF OPERATIONS

WP. RANGE	WELL DATE PRODUCT WELLS 5 6	BARRELS OF O	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (II none, so state)	REMARKS (If drilling, depth: if shut down, cause: date and result of test for gasoline content of gas) Observation Well Drilled to Storage Sand
v 6е	5					Drilled to Storage
						Drilled to Storage
n 6e	6					
						1
						ells not hooked up orage system
			·			
	·					

runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329 (January 1950)

PICENETI JUI 20 1976 CAS, LESSEE'S

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

B	udget Bureau No. 42-R356.5.
AND OFFICE	Salt Lake
EASE NUMBER.	
INIT	Chalk Creek
	Gas Storage

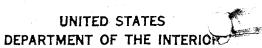
. "			
100			OPERATIONS
- 3	TACTORY II TO	BEBORT OF	
	BAITRILLI V	DLDIID I III	
•			
- 7			~-

we Ag	lls) ent	for '8 (r the addr	ess	P. O SALT	BOX LAKE	11368 CITY, UTA	н 84	139	Company MOUNTAIN FUEL SUPPLY COMP				
==		一		<u>-</u>		5265			Cu. Fr. of G	T	nt(s title A	BARRELS OF	REMARKS (If drilling, depth; if shut down, cause;	
Sr 1/4	C. ANI	- -	TWP.	RANGE	WELL No.	PRODUCED	BARRELS OF OIL	GRAVITY	(In thousand	ds)	GASOLINE RECOVERED	WATER (If none, so state)	(If drilling, depth: if shut down, cause; date and result of test for gasoline content of gas)	
			GOV	ERNME	NT W	ELLS								
w s	E 6	,	2N	6E	. 5								Observation Well	
IM N	w 6	,	2N	6E	6		•						Drilled to Storag	
						A Company of the latest and the late								
													ells not hooked u orage system	
								-						

Note.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



	For B uc	m ap iget E	prove Sur ea	ed. u No.	42-R3	56.5
LAND, OFFIC	E Sc. 1	Sa	lt.	Lake	2	4.
LEASE NUM	BER					

Chalk Creek UNIT Gas Storage

LESSEE'S MONTHLY REPORT OF OPERATIONS

GEOLOGICAL SURVEY

 P.	hone .			SALT	LAKE 5265	CITY, UTA	н 84	•	Signed John J. Paping. Agent's titte ASST. MANAGER GEN'L. A				
8	EC. AND	Twp.	RANGE	WELL No.	DAYS PRODUCED	Barrels of Oil	GRAVITY	Cv. Fr. or Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth: if sbut down, cause; date and result of test for gasoline content of gas)		
		GOV	ERNME	NT W	ELLS	4.							
W :	SE 6	2N	6E	5						6 4 10 10 10 10 10 10 10 10 10 10 10 10 10	Observation Well		
JW]	MM 6	2N	6E	6		*			i 		Drilled to Storag		
	•												
											ells not hooked up brage system		
			 							1			
					·								
		ł											

runs or sales of gasoline during the month. (Write "no" where applicable.) Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329 (January 1950)

3100 U-09712-A et al (U-942) (San) 3|4|89

DECISION

Questar Pipeline Company

P.O. Box 11450

Salt Lake City, Utah 84147

: Oil and Gas Leases

U-09712-A et al

Corporate Name Change Recognized

Acceptable evidence has been received establishing that Mountain Fuel Resources, Inc. has changed their name to Questar Pipeline Company.

Accordingly, the surviving company, Questar Pipeline Company, is recognized as holding all interests in Federal oil and gas leases which were held by Mountain Fuel Resources, Inc. We are changing our records with respect to the attached listing of oil and gas leases. If there are any other leases that will be affected, please contact this office.

/s/ M. Willia

ACTING Chief, Minerals
Adjudication Section

Enclosure List of Leases

cc: All District Offices, Utah

MMS, AFS

MMS, BRASS

920, Teresa Thompson Clay Basin Unit File

CSeare:s1 3/9/89:1642f

JAN 2 8 2004

List of Leases

Overriding Royalties

U-09712-A U-011246

Operating Rights

SL-045051-A & B SL-045053-A & B SL-062508 SL-0709555 SL-070555-A SL-045049-AB

Clay Basin Gas Storage Agreement Agreement No. 14-08-0001-16009



QUESTAR PIPELINE COMPANY

79 SOUTH STATE STREET • P. O. BOX 11450 • SALT LAKE CITY, UTAH 84147 • PHONE (801) 530-2400 June 23, 1988 CERTIFIED MAIL

RETURNED RECEIPT REQUESTED #P 879 571 459

Bureau of Land Management Utah State Office CFS Financial Center 324 S. State Street Salt Lake City, UT 84111-2303

Re: Name Change

Mountain Fuel Resources, Inc. to Questar Pipeline Company

Gentlemen:

Enclosed for your files and information is a certified copy of the Articles of Amendment to the Articles of Incorporation of Mountain Fuel Resources, Inc. dated March 7, 1988, indicating that Mountain Fuel Resources, Inc. changed its name to Questar Pipeline Company.

Questar Pipeline Company holds interests in the following Federal Oil and Gas Leases in Utah:

Nowell of which CA - U=9712-A - Questar 100%

(A well - RT + OR'S MM. Friel Resources U=011246 MAsquirt parelling to Questar Energy y (6) "

SLC-045051(A) OR'S

SLC-045053(A) OR'S

SLC-045053(B) SLC-062508 - OR'S

SLC-070555 - OR'S

SLC-070555 - OR'S

SLC-070555 (A) - OR'S

Agreement No. 14-08-0001-16009

(Clay Basin Gas Storage Agreement)

Please note and adjust your records in accordance with the above and furnish verification of your receipt of this notice to the undersigned.

Sincerely,

J. B. Neese Senior Landman

JBN/sdg

Enclosure

OPERATOR CHANGE WORKSHEET

ROUTING
1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

Company JT 84147 9 TY LEASE TYPE 9990 Fee WELL TYPE GS GS GS GS	WELL STATUS A A A	
TY LEASE TYPE 9990 Fee 9990 Fee 9990 Fee 9990 Fee 9990 Fee 9990 Fee	GS GS GS GS	STATUS A A A
9 "Y LEASE TYPE 9990 Fee 9990 Fee 9990 Fee 9990 Fee 9990 Fee 9990 Fee	GS GS GS GS	STATUS A A A
9 "Y LEASE TYPE 9990 Fee 9990 Fee 9990 Fee 9990 Fee 9990 Fee 9990 Fee	GS GS GS GS	STATUS A A A
Y LEASE TYPE 9990 Fee 9990 Fee 9990 Fee 9990 Fee 9990 Fee	GS GS GS GS	STATUS A A A
7YPE 9990 Fee 9990 Fee 9990 Fee 9990 Fee 9990 Fee	GS GS GS GS	STATUS A A A
7YPE 9990 Fee 9990 Fee 9990 Fee 9990 Fee 9990 Fee	GS GS GS GS	STATUS A A A
7YPE 9990 Fee 9990 Fee 9990 Fee 9990 Fee 9990 Fee	GS GS GS GS	STATUS A A A
9990 Fee 9990 Fee 9990 Fee 9990 Fee 9990 Fee	GS GS GS GS	A A A
9990 Fee 9990 Fee 9990 Fee 9990 Fee 9990 Fee	GS GS GS	A A
9990 Fee 9990 Fee 9990 Fee 9990 Fee	GS GS	A
9990 Fee 9990 Fee		
9990 Fee	GS	Α
		A
9990 Fee	GS	A
ŀ	GS	A
0000 E 1 1	- 00	
9990 Federal	GS	A
9990 Federal 9990 Federal	GS GS	A
9990 Federal	GS	A
		A
		A
		A
9990 Federal	GS	A
<u>.</u>		.1
9	9990 Federal 9990 Federal 9990 Federal 9990 Federal	9990 Federal GS 9990 Federal GS

6. ((R649-9-2)Waste Management Plan has been received on:	IN PLACE	<u> </u>		
7.	Federal and Indian Lease Wells: The BLM and or the BI or operator change for all wells listed on Federal or Indian leases on		ed the merge 3/9/1989	er, name change,	
8.	Federal and Indian Units: The BLM or BIA has approved the successor of unit operator for various process.	wells listed on:	_	n/a	
9.	Federal and Indian Communization Agreements ("C The BLM or BIA has approved the operator for all wells listed wit	•	n/a		_
10	. Underground Injection Control ("UIC" The Division In for the enhanced/secondary recovery unit/project for the water disposed.			nsfer of Authority to Inject, N/A	
D A	ATA ENTRY:				_
1.	Changes entered in the Oil and Gas Database on:	1/29/2004	_		
2.	Changes have been entered on the Monthly Operator Change Spre	ead Sheet on:	1/29/2004		
3.	Bond information entered in RBDMS on:	1/29/2004	_		
4.	Fee wells attached to bond in RBDMS on:	1/29/2004	<u>. </u>		
5.	Injection Projects to new operator in RBDMS on:	n/a	.		
	CATE WELL(S) BOND VERIFICATION: State well(s) covered by Bond Number:	n/a	_		
FF	DERAL WELL(S) BOND VERIFICATION:	·			_
1.	Federal well(s) covered by Bond Number:	965002976	-		
	DIAN WELL(S) BOND VERIFICATION: Indian well(s) covered by Bond Number:	n/a	_		
	CE WELL(S) BOND VERIFICATION: (R649-3-1) The NEW operator of any fee well(s) listed covered by I	Bond Number	965003033		
	The FORMER operator has requested a release of liability from their The Division sent response by letter on:	r bond on: N/A	N/A		
	CASE INTEREST OWNER NOTIFICATION: (R649-2-10) The FORMER operator of the fee wells has been contact of their responsibility to notify all interest owners of this change on:	cted and informe 1/29/2004	d by a letter fro	om the Division	
CC	MMENTS:				_
		1. / · · · · · · · · · · · · · · · · · ·			_
					_

...

NEW ENTITY NUMBERS ASSIGNED FEBRUARY 2004

ACCT	OPERATOR NAME	API NUM.	Sec	Twnshp	Rng	WELL NAME	ENTITY	EFF DATE	REASON
N7560	Questar Pipeline Co	4304305003	06	020N	060E	Chalk Creek Gov 4	99990 to 14039	2/10/2004	Chalk Creek Gas Storage
N7560	Questar Pipeline Co	4304305004	06	020N	060E	Ohio Govt Well Chalk Creek	99990 to 14039	2/10/2004	Chalk Creek Gas Storage
N7560	Questar Pipeline Co	4304305005	06	020N	060E	Texota Utah Fed L 1	99990 to 14039	2/10/2004	Chalk Creek Gas Storage
N7560	Questar Pipeline Co	4304305006	06	020N	060E	Chalk Creek Gov 2	99990 to 14039	2/10/2004	Chalk Creek Gas Storage
N7560	Questar Pipeline Co	4304305007	06	020N	060E	Chalk Creek Gov 3	99990 to 14039	2/10/2004	Chalk Creek Gas Storage
N7560	Questar Pipeline Co	4304305008	06	020N	060E	Chalk Creek Gov 1	99990 to 14039	2/10/2004	Chalk Creek Gas Storag
N7560	Questar Pipeline Co	4304305009	06	020N	060E	Chalk Creek Gov 5	99990 to 14039	2/10/2004	Chalk Creek Gas Storage
N7560	Questar Pipeline Co	4304305018	06	020N	060E	Chalk Creek Gov 6	99990 to 14039	2/10/2004	Chalk Creek Gas Storage

Note to file: These entity numbers were changed to compliment the operator correction from 3/7/98